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Ontario

Ministry  
of the  
Environment

Water Resources  
Bulletin 2-103  
Ground water series

Hon. Harry C. Parrott, D. D. S., Minister  
Graham W. S. Scott, Deputy Minister



**DATA FOR  
OBSERVATION WELLS  
IN ONTARIO  
1976**

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*WATER RESOURCES*

*BULLETIN 2-103*

*Ground water series*

**DATA FOR  
OBSERVATION WELLS  
IN ONTARIO  
1976**

ISSN 0701-7499

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

TORONTO

ONTARIO

1978

# METRIC CONVERSION FACTORS

<u>Multiply</u> <u>English Units</u>	<u>by</u>	<u>To obtain</u> <u>Metric Units</u>
Inches (in)	2.540	Centimeters (cm)
Feet (ft)	0.305	Meters (m)
Imperial gals/min (Igpm)	0.758	Liters/sec (L/s)
Imperial gals/min/ft (Igpm/ft)	0.248	Liters/sec/meter (L/s/m)



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## INTRODUCTION

On April 1, 1974 the Ontario Ministry of the Environment reorganized its working structure from a centralized Toronto-based organization, to a decentralized structure having major Ministry offices in six regional centres across Ontario. With this reorganization, the responsibility for ground-water data collection fell to the Ministry's Regional Offices, while the data assimilation, processing and publication remained the responsibility of the Water Resources Branch in Toronto.

The ground-water regime that exists in any area is a result of the geology, topography, drainage and climate of that area. Water which enters the soil and percolates downward into the zone of saturation, where all the voids and openings of the materials in the ground are filled with water, is commonly referred to as ground water. The top of this zone of saturation or ground-water system is called the water table and in Ontario is often found a few feet below the ground surface.

Precipitation in the form of rain and snow is the main source of ground water. In general, approximately 40% of all precipitation becomes surface runoff or infiltrates into the ground. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water, and by transpiration from vegetation. Precipitation averages over 30 inches (76 cm) annually in most parts of southern Ontario. Forty percent of this amounts to 174 million gallons on each square mile of land surface, or 212 million litres on each square kilometer. Generally, less than one half of this volume of water will infiltrate and move through the ground-water system before being discharged into streams or lakes. Since infiltration rates are comparatively higher in sand and gravel areas than in clay areas, recharge to ground water will be correspondingly higher in sands and gravels.

Geologic formations that contain, transmit and yield ground water in usable quantities are termed aquifers. The degree to which a formation will store and yield water is dependent on its porosity and permeability. The porosity of a material is the proportion of openings or pore spaces to the volume of the material. The permeability gauges the rate at which a material will transmit water, and is dependent on the size and degree of interconnection of the pore spaces. Thus, a fine silty sand may have a higher porosity than a medium sand, but the finer material will have a lower permeability and yield smaller quantities of water to wells.

The amount of water that can be extracted from any area depends on the character of the aquifers. Fine-grained overburden materials such as clays and silts are generally poor sources of water supply. Wells developed in such materials may not meet normal household requirements (100 gals/capita/day) if adequate storage is not provided. Coarse overburden materials such as sands and gravel have high permeabilities and are usually very good sources of ground water. Bedrock materials with adequate permeabilities resulting from fractures and solution cavities are also good sources of ground water.

Numerous factors such as the amount and intensity of rainfall, nature of the soil and vegetation, slope of land surface, and wind and temperature conditions also have a bearing on the amount of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area, a reliable estimate should be made of the average annual recharge to ground water. If this is done, the depletion of ground water stored in the aquifer can usually be avoided, and pumping installations can be designed for long, economical use.

### GROUND WATER LEVELS

One of the keys to the availability of ground water in a particular area are actual ground-water levels as measured in wells. These levels may be a reflection of static or equilibrium ground-water conditions, or they may reflect artificial drawdown conditions caused by local withdrawals. A continuous record of water-level fluctuation reveals numerous factors concerning both the ground-water regime and the characteristics of a particular water-bearing formation. The continuous record, or hydrograph, is useful in analyzing natural long-term fluctuations in ground-water levels which are related commonly to precipitation, evapotranspiration and the discharge of water to streams.

In addition to monitoring natural ground-water level fluctuations, observation wells are established to determine the effects of large ground-water withdrawals from aquifers, to show the effects of natural and artificial recharge on aquifers, to assist in drainage basin analyses by providing data to show recharge and discharge areas, and to show regional and local ground-water flow patterns. Together with data on pumping rates, pumping levels and other aquifer characteristics, the water levels in observation wells are utilized in the calculation of the potential yield of aquifers and high-capacity production wells.

The water level in an unpumped observation well is referred to as the static level. Fluctuations in this level result either from natural causes such as precipitation, evaporation and ground-water discharge, or from artificial causes such as pumping or artificial recharge. A static level that follows a downward trend may forecast serious problems resulting from overpumping, reduced recharge due to changed soil or vegetational cover, or a combination of these and other factors. A knowledge of ground-water levels is a prerequisite to good ground-water management. Problems of water shortages and complaints about well interference cannot be fully understood or resolved without reliable data on water-level fluctuations.

In Ontario, ground-water levels normally rise during the fall, early winter and spring snowmelt periods when transpiration and evaporation are minimal. Throughout the warm-weather growth period, the amount of water infiltrating is greatly decreased by evaporation and transpiration. As a result, recharge to ground water is minimized and ground-water levels generally decline during this period.

## OBSERVATION WELL NETWORK

The observation well network in the Province of Ontario dates back to 1946 when the initial step in establishing the network was taken by the Ontario Department of Mines. Some of the original wells are still being used for observation purposes. Although the majority of network wells are operated by the Ministry of the Environment, a few are maintained by Ontario Hydro and the Ministry of Transportation and Communications for their own specific study purposes. The observation wells within the Ministry of Environment's network consist primarily of drilled and bored wells, which are used commonly for supply purposes, as well as the more specialized piezometer tubes, which are used specifically for water-level measurement purposes. Water levels are measured either manually by tape or by automatic water-level recorders. Abandoned wells are ideally suited for observation purposes because the water-level fluctuations will not be affected by withdrawals of ground water from the wells. Observation wells in some cases have been acquired over the years in co-operation with private individuals or municipalities. Other wells have been constructed by the Ministry of the Environment specifically for water management and interference studies, and for river basin studies. New wells are regularly being incorporated into the network as new studies or water management problems arise. Older wells are phased out as sufficient data are gathered to satisfy the original intended use, or if a particular property owner wishes to use the well for other purposes.

### OBSERVATION WELL DISTRIBUTION

As of December 31, 1976 the distribution of observation wells within each Region of the Ministry was as follows:

<u>Region</u>	<u>Recording Wells</u>	<u>Manually Measured Wells</u>
1) Southwest	20	41
2) West-Central	22	32
3) Central	34	26
4) Southeast	19	1
5) Northwest	-	-
6) Northeast	<u>1</u>	<u>-</u>
TOTAL	96	100

Observation wells in this publication are indexed in the following order.

- 1) MOE Region - All observation wells located in one particular region are grouped together.
- 2) County - The wells are indexed by county, then by township.
- 3) Numerically - Where there is more than one well in a particular township they are listed by their observation well numbers.

The Regional maps show the approximate locations of the recording wells and can be used as a guide to the distribution of the wells in each region.

### OBSERVATION WELL INFORMATION

The recorder charts are forwarded to the Hydrology and Monitoring Section of the Water Resources Branch in Toronto where the chart data is processed using the computer-digitizing method. After processing the data a variety of output options are available.

1. Daily mean water-level tabulation;
2. Daily instantaneous maximum water-level tabulation;
3. Daily instantaneous minimum water-level tabulation;
4. Annual hydrograph in either "Feet Above Sea Level" or "Feet Below Ground Surface" (plotted from daily mean values);
5. A plot of the chart from the digitized points;
6. A card output from the digitized points;
7. Any combination of the above.

## EXPLANATION OF WELL SPECIFICATIONS

OBSERVATION WELL NUMBER	The observation well number is assigned in numerical sequence at the time of the establishment of each observation well.
WELL REC. #	Each observation well is assigned a well record number to identify it within Ontario's water-well record system. Each well record is assigned a unique number after it is filed with the Ministry.
CONC.	<p>The majority of townships in Ontario are surveyed into a regular pattern of concessions and lots; however, in some areas, geographical or historical factors may have created surveys of irregular shapes or patterns. This has resulted in many survey descriptions which are unique to certain areas.</p> <p>SEE:        Abbreviations Used to Describe Surveys and Tracts.</p>
UTM CO-ORD.	<p>(Universal Transverse Mercator Co-ordinates in Meters) This location system makes use of a square grid, 1000 x 1000 metres, which is superimposed on maps of the National Topographic System. The vertical grid lines are called Eastings and the horizontal lines Northings.</p> <p>The Easting represents the distance of a well in an easterly direction from a given north-south reference line. The Easting is the figure immediately following the letter E.</p> <p>The Northing represents the distance of a well in a northerly direction from a given east-west reference line. The Northing is a figure immediately following the letter N.</p> <p>The zone number which follows the letter Z is also a part of the UTM co-ordinates.</p>
LAT & LONG	Latitudes and Longitudes were determined from plotted locations on topographic maps and are given to the nearest minute.

REC. METHOD	<p>The recording method describes the manner which the data were obtained, i.e., automatic water-level recorder, manual measurement.</p> <p>The following automatic recorders are currently in use by the Ministry of the Environment:</p> <ul style="list-style-type: none"> <li>- Stevens A35 Recorder (Float actuated)</li> <li>- Stevens 'F' type recorder (Weekly/Monthly; Float actuated)</li> <li>- Brott Recorder (Nitrogen gas actuated)</li> </ul>
REC. COMMCD	Water-level recording was commenced on the date listed.
MEASURE PT.	The measuring point is the reference point, either above or below ground level, from which measurements are taken for each observation well. This figure is subtracted or added to the recorder chart measurement to obtain water levels in feet below ground surface.
WELL TYPE	This describes the method of construction of the well, i.e. drilled, bored or dug.
DIAMETER OF WELL	Casing diameters are shown to the nearest inch. Where several sizes of casings are used, the diameter of the lowermost casing only is given.
GND ELEV.	The ground elevation at the well site is given in feet above mean sea level. The majority of the elevations are determined from plotted locations on the National Topographic maps and are therefore related to the accuracy of the locations and the scale of the maps.
LENGTH OF CASING	The length of casing is measured from ground level to the end of the cased section of the well.
LENGTH OF SCREEN	This is the length of well screen, sand point or slotted pipe section.
PUMP RATE	This is the rate (in Imperial gallons per minute) at which the well was test pumped. Where no pump test was performed, the letters N.A. (Not Applicable) appear.

SPEC. CAP.	The specific capacity is determined using information obtained during the pumping test. It is calculated by dividing the pumping rate by the drawdown, which is the difference between the static water level before the test and the maximum pumping level measured during the test. Where no pumping test was performed, the letters N.A. appear.
AQUIFER	The geological material of the main water-bearing formation.
QUALITY	After the construction of each well, the driller evaluates the water for taste and smell. The kind of water is shown by the following: <div style="margin-left: 400px;">           Fresh            Salty            Sulphur            Mineral         </div>
WELL LOG	This is a verbatim description of the well log as it was written on the well record. Each formation is followed by a number which indicates the distance to the bottom of the formation. The last number generally indicates the total depth of the well.
MONTHLY SUMMARY	Monthly summaries are printed only for those months in which there are data for every day in that month.
MEAN	This figure represents the mean monthly water level, measured in feet below ground surface.
INST. MAX.	This is the instantaneous maximum water level, in feet below ground surface recorded for that month. The bracketed figure (or figures) immediately below the INST. MAX. value indicates the date(s) on which that value occurred. If the maximum value falls on more than 4 days it is indicated by an asterisk.
INST. MIN.	This is the instantaneous minimum water level, in feet below ground surface, recorded for that month. The bracketed figure (or figures) immediately below the INST. MIN. value indicates the date(s) on which that value occurred. If the minimum value falls on more than 4 days it is indicated by an asterisk.



ABBREVIATIONS USED TO DESCRIBE SURVEYS AND TRACTS

<u>Abbreviations</u>	<u>Survey or Tract</u>	<u>Municipality</u>
<u>Southwestern Region</u>		
FC	Front Concession	South Colchester Twp.
NTR E	North Talbot Road East	Westminster Twp.
Range IN	Range 1 North (Longwood's Rd. North)	Caradoc Twp.
WB	West Boundary Concession	Blanshard Twp.
<u>West-Central Region</u>		
BRN	Bleams Road North	Wilmot Twp.
BRS	Bleams Road South	Wilmot Twp.
ERS	Egremont Road South	Wilmot Twp.
JT	Jones Tract	N. Cayuga Twp.
STR	South Talbot Road	Middleton Twp.
<u>Central Region</u>		
HSE	Hurontario Street East	Chinguacousy Twp.
HSW	Hurontario Street West	Chinguacousy Twp.
OS	Old Survey	King Twp.
R 3 CIR	Range 3 Credit Indian Reserve	Toronto Twp. (Old Survey)
1E	Conc. 1E (Yonge Street East)	East Gwillimbury Twp.
<u>Southeastern Region</u>		
MT	Military Tract	Hallowell Twp.

WELL INDEX

Southwestern Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Essex	Sandwich East Twp.	164	2
	Colchester South Twp.	170	2
	Colchester South Twp.	171	3
	Colchester South Twp.	222	3
Grey	Sullivan Twp.	190	3
	Sullivan Twp.	191	4
	Sullivan Twp.	192	4
	Sullivan Twp.	193	4
	Sullivan Twp.	194	5
	Sullivan Twp.	195	5
	Sullivan Twp.	196	5
	Sullivan Twp.	197	6
	Sullivan Twp.	198	6
	Sullivan Twp.	199	6
	Sullivan Twp.	200	6
	Sullivan Twp.	201	6
	Sullivan Twp.	202	7
	Sullivan Twp.	203	7
	Sullivan Twp.	204	7
	Sullivan Twp.	205	7
	Sullivan Twp.	211	7
	Sullivan Twp.	212	8
Huron	Morris Twp.	346	8
	Morris Twp.	347	8
	Morris Twp.	348	8
	Morris Twp.	349	8
	Morris Twp.	350	9
	Morris Twp.	351	9
	Morris Twp.	352	9
	Morris Twp.	353	10
	Morris Twp.	354	10
	Morris Twp.	355	10
Kent	Bothwell	172	11
	Camden Twp.	217	11
	Camden Twp.	219	12
	Howard Twp.	371	12

# WELL INDEX

## Southwestern Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Lambton	Alvinston	207	13
	Forest	56	13
Middlesex	Caradoc Twp.	206	14
	Delaware Twp.	95	14
	Lobo Twp.	98	14
	Lobo Twp.	99	15
	Lobo Twp.	100	15
	Lobo Twp.	107	16
	Mosa Twp.	221	16
	Westminster Twp.	29	17
	Westminster Twp.	71	17
	Westminster Twp.	91	18
	Westminster Twp.	513	18
Oxford	East Zorra Twp.	103	19
	East Zorra Twp.	104	19
	East Zorra Twp.	165	19
	East Zorra Twp.	166	20
	South Norwich Twp.	176	20
	South Norwich Twp.	177	20
	West Oxford Twp.	013	21
Perth	Blanshard Twp.	45	21
	Stratford	182	22

## West-Central Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Brant	Burford Twp.	173	24
Dufferin	East Luther Twp.	46	24
Haldimand-Norfolk	Middleton Twp.	413	25
	North Cayuga Twp.	005	25
	North Cayuga Twp.	064	26
	North Walsingham Twp.	412	26
	South Walsingham Twp.	138	27
	South Walsingham Twp.	139	27
	South Walsingham Twp.	140	27
	South Walsingham Twp.	407	28
	South Walsingham Twp.	408	28
Niagara	North Grimsby Twp.	399	29
	Wainfleet Twp.	228	29

West-Central Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Waterloo	Elmira	32	30
	Elmira	33	30
	Kitchener	34	30
	Kitchener	35	31
	Kitchener	59	31
	Kitchener	82	31
	Wilmot Twp.	116	32
	Wilmot Twp.	117	32
	Wilmot Twp.	396	32
	Wilmot Twp.	514	33
	Wilmot Twp.	524	33
Wellington	Eramosa Twp.	440	34
	Erin Twp.	432	34
	Puslinch Twp.	131	35
	Puslinch Twp.	213	35

Central Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Durham	Pickering Twp.	302	37
	Pickering Twp.	303	37
	Pickering Twp.	308	38
	Pickering Twp.	329	38
	Pickering Twp.	330	38
	Pickering Twp.	331	38
	Pickering Twp.	332	38
	Pickering Twp.	333	39
	Pickering Twp.	336	39
	Pickering Twp.	337	39
	Pickering Twp.	405	40
	Pickering Twp.	406	40
	Pickering Twp.	512	41
	Uxbridge Twp.	301	41
Halton	Esquesing Twp.	414	42
	Esquesing Twp.	437	42
	Georgetown	377	43
	Nassagaweya Twp.	438	43
	Nassagaweya Twp.	439	44
	Oakville Twp.	415	44
	Trafalgar Twp.	374	45
Peel	Albion Twp.	251	45
	Albion Twp.	252	45
	Albion Twp.	253	46
	Chinguacousy Twp.	167	46
	Chinguacousy Twp.	168	47
	Toronto Twp.	65	47

Central Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Simcoe	Essa Twp.	7	48
	Wasaga Beach	373	48
Victoria	Mariposa Twp.	375	49
York	East Gwillimbury Twp.	344	49
	Innisfil Twp.	529	50
	King Twp.	342	50
	King Twp.	343	51
	Markham Twp.	106	51
	Markham Twp.	305	52
	Markham Twp.	398	52
	North York	90	53
	Whitchurch Twp.	340	53

Southeastern Region

<u>County/Region</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Hasting	Hungerford Twp.	209	55
	Sidney Twp.	400	55
	Thurlow Twp.	122	56
	Thurlow Twp.	256	56
	Tyendinaga Twp.	123	57
Lennox & Addington	Ernestown Twp.	474	57
	Ernestown Twp.	478	58
	Ernestown Twp.	479	58
Prescott	Plantagenet Twp.	257	59
	West Hawkesbury Twp.	183	59
Prince Edward	Hallowell Twp.	178	60

Northeastern Region

<u>District</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page</u>
Algoma	Sault Ste. Marie	121	62



## OBSERVATION WELL DATA

### REGIONAL OFFICE

#### LONDON

985 Adelaide St. S.  
519-681-3600

### DISTRICT OFFICES

#### Windsor

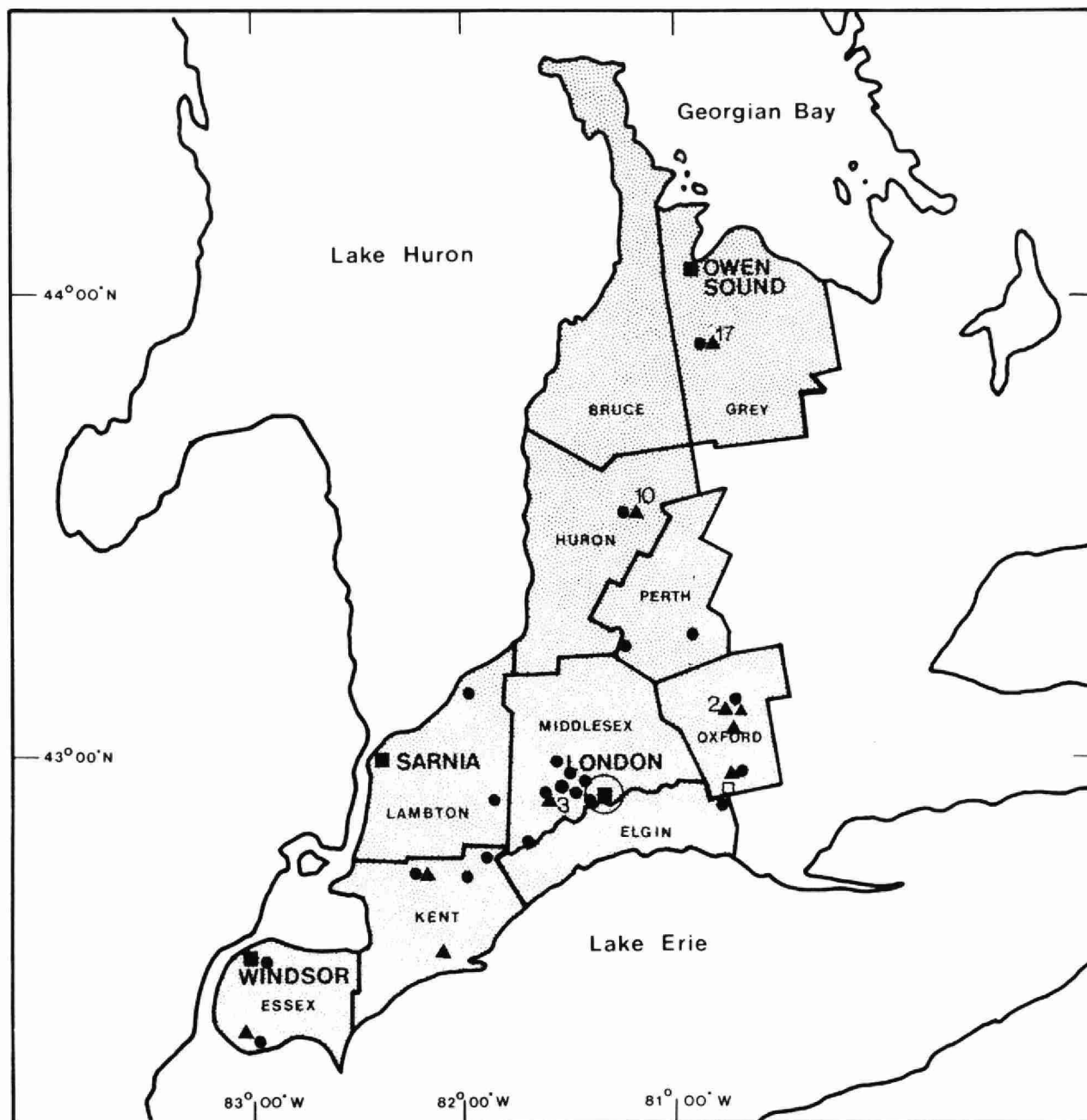
3012 Tecumseh Rd. E.  
519-945-2339

#### Sarnia

242A Indian Rd. S.  
519-336-4030

#### Owen Sound

220 11th St. E.  
519-371-2901



### LEGEND

Regional Office



District Office



Recording Observation Well



Number of Recording Wells  
in same location



Manually Measured Well



Number of Manually Measured Wells  
in same location



OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO  
TORONTO  
ESSEX COUNTY

OBSERVATION WELL 164  
TOWNSHIP OF SANDWICH E.

CONC. 3 LOT 95

WELL REF #: 2102685  
UTM CO-ORD: Z-17 E337280 N4680640  
LAT & LONG: 42-16NORTH 82-59WEST

REC METHOD: A35 RECORDER  
REC COMMCD: DFC 6 1965  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 620 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; CLAY 16; CLAY AND SMALL AMOUNT OF GRAVEL 141; CEMENTED GRAVEL 145; BROKEN ROCK 146; LIGHT BROWN LIMESTONE 152.

DIAMETER OF WELL: 23 INCHES  
LENGTH OF CASING: 147 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 192 FEET

PUMP RATE: 154 GPM  
SPEC. CAP: 2.01 GPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.15	30.61	21.00	30.73	30.72	30.82	30.97	31.74	31.73	21.60	31.55	31.39	1
2	31.08	30.75	20.83	30.83	30.57	30.88	31.09	31.75	31.81	21.60	31.52	31.33	2
3	30.98	20.84	20.82	30.83	30.74	30.92	31.13	31.70	31.75	21.64	31.40	31.42	3
4	31.12	31.05	21.82	30.80	30.87	31.01	31.14	31.63	31.64	21.67	31.40	31.33	4
5	31.28	31.05	20.81	30.91	30.75	31.05	31.14	31.51	31.73	21.67	31.44	31.44	5
6	31.22	30.95	20.52	30.85	30.79	31.01	31.17	31.60	31.79	21.53	31.40	31.32	6
7	31.10	30.85	20.53	30.94	30.84	30.96	31.15	31.58	31.83	21.63	31.43	31.19	7
8	31.10	30.71	20.57	31.02	30.90	30.97	31.15	31.56	31.95	21.67	31.47	31.34	8
9	31.20	30.92	20.86	31.06	30.80	31.07	31.18	31.57	31.82	21.81	31.31	31.43	9
10	31.28	30.86	20.86	30.94	30.77	30.99	30.99	31.67	31.79	21.93	31.30	31.30	10
11	31.02	30.91	21.03	30.52	30.75	30.93	30.91	31.70	31.73	22.04	31.44	31.37	11
12	31.29	30.91	20.84	31.06	30.85	30.98	31.01	31.61	31.86	21.93	31.55	31.19	12
13	30.94	30.92	20.73	31.02	30.84	31.00	31.06	31.50	31.95	21.58	31.53	31.36	13
14	30.99	31.16	20.83	30.55	30.80	31.00	31.07	31.45	31.92	21.53	31.41	31.25	14
15	31.09	30.92	20.61	30.91	30.74	31.00	31.04	31.50	31.87	21.40	31.38	31.22	15
16	30.91	31.85	20.77	31.89	30.64	30.98	31.08	31.57	31.87	21.56	31.50	31.10	16
17	31.15	30.80	20.65	30.92	30.63	31.10	31.18	31.69	31.77	21.63	31.39	31.07	17
18	31.24	30.68	20.84	30.90	30.73	31.10	31.21	31.68	31.77	21.70	31.25	31.29	18
19	31.18	30.77	20.76	30.52	30.76	30.94	31.33	31.79	31.69	21.63	31.25	31.15	19
20	31.11	30.98	20.61	30.90	30.74	31.06	31.31	31.68	31.54	21.46	31.27	30.97	20
21	30.95	30.80	20.66	30.75	30.76	31.08	31.38	31.67	31.57	21.39	31.20	31.14	21
22	31.02	30.81	21.01	30.75	30.81	31.13	31.26	31.78	31.58	21.50	31.27	31.19	22
23	30.95	31.01	21.03	30.87	30.79	31.23	31.35	31.67	31.68	21.58	31.42	31.17	23
24	30.86	30.97	20.88	30.80	30.73	31.10	31.46	31.63	31.78	21.37	31.45	31.25	24
25	30.94	30.94	20.82	30.54	30.79	31.02	31.47	31.36	31.70	21.43	31.35	31.09	25
26	30.85	30.93	20.80	30.74	30.90	31.17	31.35	31.46	31.56	21.58	31.22	30.96	26
27	31.05	30.93	20.65	30.88	30.96	31.18	31.52	31.59	31.52	21.68	31.20	30.92	27
28	31.01	30.98	20.87	30.94	30.91	31.12	31.68	31.62	31.65	21.64	31.30	30.84	28
29	30.83	30.96	20.88	30.93	30.81	31.09	31.60	31.72	31.63	21.57	31.33	30.93	29
30	30.79		20.76	30.89	30.74	30.94	31.68	31.81	31.59	21.49	31.43	31.11	30
31	30.84		20.75		30.73		31.65	31.74		21.41		31.12	31

-MONTHLY SUMMARY-

MEAN	31.05	30.90	30.84	30.88	30.78	31.03	31.25	31.63	31.74	31.61	31.38	31.20	MEAN
INST MAX	30.67 (31)	30.50 (11)	30.45 (21)	30.44 (25)	30.47 (12)	30.69 (11)	30.84 (12)	30.97 (25)	31.42 (26)	31.29 (31)	31.05 (27)	30.76 (27)	INST MAX
INST MIN	31.71 (12)	31.52 (14)	31.42 (22)	31.38 (18)	31.39 (27)	31.71 (26)	32.06 (27)	32.38 (19)	32.42 (16)	32.34 (10)	31.91 (13)	31.78 (13)	INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
ESSEX COUNTY

OBSERVATION WELL 170  
TOWNSHIP OF S. COLCHESTER

GORE LOT 14

WELL REF #: 2102685  
UTM CO-ORD: Z-17 E342840 N4654930  
LAT & LONG: 42-02NORTH 82-54WEST

REC METHOD: A35 RECORDER  
REC COMMCD: MAR 5 1966  
MEASURE PT: 1.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 630 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; YELLOW SAND 12; GREY SAND 30; QUICK SAND 110; SAND AND GRAVEL 115; COARSE GRAVEL 124; GREY LIMESTONE 125.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 124 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 129 FEET

PUMP RATE: 300 GPM  
SPEC. CAP: 60.0 GPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.32	10.00	7.96	6.44	6.67	7.16	7.90	8.78	11.13	10.22			1
2	10.31	10.04		6.47	6.67	7.23	7.94	8.82	9.91	10.24		10.74	2
3	10.29	10.04		6.48	6.79	7.27	7.97	10.25	10.21	10.24		10.74	3
4	10.30	10.05		6.49	6.82	7.24	7.95	10.05	9.88	10.27		10.74	4
5	10.30	10.06		6.52	6.76	7.29	7.95	9.36	9.85	10.27		10.76	5
6	10.28	10.04		6.51	6.82	7.80	7.96	10.49	9.85	10.24		10.76	6
7	10.27	10.02		6.56	6.77	8.23	8.94	9.12	10.60	10.26		10.76	7
8	10.26	10.01		6.61	6.75		8.14	9.10	10.16	10.25		10.77	8
9	10.26	10.04		6.62	6.73		8.35	10.31	9.95			10.77	9
10	10.27	10.01		6.59	6.72		8.07	10.78	9.91			10.78	10
11	10.24	9.89		6.65	6.74	7.92	8.05	10.57	9.93			10.78	11
12	10.24	9.72		6.69	6.81	7.60	8.06	9.49	9.96			10.80	12
13	10.22	9.56		6.66	6.81	7.60	8.62	10.39	10.22			10.82	13
14	10.27	9.42		6.67	6.81		9.27	9.41	10.26			10.80	14
15	10.25	9.25		6.68	6.84		9.85	9.36	10.05			10.81	15
16	10.22	9.05		6.74	6.82	9.19	9.57	9.40	10.08			10.82	16
17	10.25	8.62		6.78	6.95	7.94	8.45	9.50	10.08			10.84	17
18	10.26	8.37		6.78	6.87	7.90	8.49	10.26	10.09			10.86	18
19	10.24	8.14		6.81	6.90	7.82	10.21	9.94	10.10			10.85	19
20	10.23	8.35		6.80	6.90	7.87	10.72	10.12	10.09			10.83	20
21	10.21	8.27		6.78	6.94	7.85	9.44	9.48	10.11			10.86	21
22	10.22	8.21		6.81	6.99	7.87	8.64	9.47	10.13			10.86	22
23	10.22	8.22		6.88	6.99	7.87	8.88	10.12	10.12			10.88	23
24	10.22	8.18		6.85	7.01	7.84	8.63	10.24	10.16			10.80	24
25	10.23	8.15		6.73	7.03	7.90	8.64	10.86	10.17			10.89	25
26	10.18	8.13		6.69	7.06	7.91	10.38	10.58	10.18			10.90	26
27	10.12	8.12		6.70	7.15	7.89	8.75	10.89	10.17			10.91	27
28	10.06	8.05		6.70	7.52	7.90	8.71	9.73	10.19			10.92	28
29	10.04	8.10		6.70	7.16	7.87	8.71	9.70	10.19			10.94	29
30	10.03			6.72	7.17	7.88	8.18	10.31	10.20			10.96	30
31	10.02				7.15		8.79	10.61				10.98	31

-MONTHLY SUMMARY-

MEAN	10.22	9.12		6.67	6.91		8.77	9.92	10.17				MEAN
INST MAX	10.07 (31)	8.08 (29)		6.43 (11)	6.62 (12)		7.88 (11)	8.77 (11)	9.85 (13)				INST MAX
INST MIN	10.33 (11)	10.07 (15)		6.89 (23)	11.52 (28)		12.82 (19)	13.24 (10)	13.13 (17)				INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
ESSEX COUNTY

OBSERVATION WELL 171

TOWNSHIP OF S. COLCHESTER

GORE

LOT 15

WELL REC #: 2103851  
UTM CO-ORDS: Z-17 E342649 N4654902  
LAT & LONG: 42-02NORTH 82-54WEST

REC METHOD: STEEL TAPE  
REC COMMO: APR. 1 1966  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 632 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SILTY SAND 8; BROWN SAND WITH SOME COARSE SAND AND GRAVEL 23; GREY SAND, SILTY CLAY 26; GREY FINE SAND AND SOME GRAVEL 30; GREY, FINE TO MEDIUM SAND 32; GREY FINE SAND 37.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 31 FEET  
LENGTH OF SCREEN: 6 FEET  
DEPTH OF WELL: 37 FEET

PUMP RATE: 15 GPM  
SPEC. CAP: 2.34 GPM/FT  
AQUIFER: FINE SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		31/ 8.42									

ENVIRONMENT ONTARIO  
TORONTO  
ESSEX COUNTY

OBSERVATION WELL 222

TOWNSHIP OF S. COLCHESTER

FC

LOT 54

WELL REC #: 2100602  
UTM CO-ORDS: Z-17 E343580 N4650550  
LAT & LONG: 41-59NORTH 82-53WEST

REC METHOD: A35 RECORDER  
REC COMMO: NOV 26 1968  
MEASURE PT: 3.7 FEET ABOVE GROUND SURFACE  
GND ELEV: 632 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK SANDY LOAM 1; FINE YELLOW SAND 4; GREY FINE SAND 15; HARDPAN 23; CLAY 48; QUICKSAND 53; HARDPAN 72; SILTY SAND 78; HARDPAN 105; FINE SAND 111; SAND AND HARDPAN 115; FINE TO COARSE SAND 122; BROWN LIMESTONE 125; DARK LIMESTONE 127.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 123 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 127 FEET

PUMP RATE: 30 GPM  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.07	23.61	20.54	20.12	21.63	22.41	25.93	25.82	27.16	25.85	25.70	25.09	1
2	24.01	23.65	20.71	20.25	21.63	22.56	25.37	29.27	26.78	26.10	25.71	25.12	2
3	24.03	23.64	20.44	20.24	21.56	22.58	27.93	30.30	29.43	25.98	25.48		3
4	24.03	23.71	20.15	20.44	21.63	22.43	25.87	29.52	28.85	25.93	25.43		4
5	24.06	23.72	19.93	20.49	21.55	24.80	25.87	27.64	28.51	25.86	25.36		5
6	24.01	23.65	19.89	20.32	21.51	28.78	30.71	26.88	29.12	25.68	25.41		6
7	23.91	23.68	19.66	20.42	21.44	34.01	29.63	26.48	28.60	25.71	25.38		7
8	23.87	23.57	19.75	20.54	21.62	36.96	27.40	27.45	28.65	25.75	25.41		8
9	23.97	23.62	19.56	20.58	21.63	35.36	26.15	26.55	29.02	25.78	25.32		9
10	23.98	23.50	19.48	20.72	21.66	32.28	25.77	28.14	27.50	25.76	25.31		10
11	23.88	23.56	19.63	20.69	21.58	28.03	26.18	26.91	27.11	25.72	25.63		11
12	23.92	23.49	19.55	20.78	21.56	31.88	31.34	28.02	26.82	25.59	25.55		12
13	23.82	23.52	19.53	20.81	21.74	31.60	35.72	26.77	26.64	25.45	25.45		13
14	23.85	23.49	19.57	20.79	22.06	34.09	32.73	26.22	26.36	25.62	25.35		14
15	23.88	23.31	19.50	20.74	21.99	33.82	33.76	25.94	26.18	25.61	25.27		15
16	23.72	23.10	19.41	20.94	21.78	29.37	33.45	27.32	26.27	25.70	25.31		16
17	23.91	22.91	19.53	23.01	21.75	27.69	34.24	26.86	26.07	25.55	25.18		17
18	23.97	22.62	19.51	23.41	21.74	26.82	35.45	28.64	26.08	25.64	25.15		18
19	23.90	22.50	19.65	24.89	21.88	26.09	34.09	28.38	26.12	25.64	25.09		19
20	23.82	22.27	19.62	23.08	21.93	26.21	32.76	30.55	25.97	25.50	25.12		20
21	23.77	22.04	19.58	22.13	21.89	25.93	31.12	28.86	25.83	25.44	25.01		21
22	23.76	21.92	19.51	22.10	22.22	25.90	29.29	28.63	25.80	25.43	25.03		22
23	23.75	21.82	19.85	22.06	22.24	29.21	27.66	29.40	25.80	25.45	25.06		23
24	23.76	21.55	20.10	22.04	22.30	27.44	27.04	29.72	25.79	25.33	25.06		24
25	23.81	21.90	20.10	21.82	22.22	25.86	26.70	27.80	25.79	25.82	24.99		25
26	23.77	21.44	20.08	21.82	22.21	25.69	27.05	27.15	25.65	26.30	24.93		26
27	23.85	21.21	20.05	21.79	22.37	25.22	26.99	27.82	25.60	25.84	24.99		27
28	23.71	21.13	20.23	21.81	22.77	24.65	26.30	28.68	25.76	25.51	25.01		28
29	23.67	20.95	20.21	21.66	22.60	30.57	26.01	28.86	25.74	25.36	25.04		29
30	23.60		20.20	21.55	22.52	28.33	25.83	29.67	25.77	25.24	25.04		30
31	23.62		20.15		22.37		25.68	27.90		25.19			31

-MONTHLY SUMMARY-

MEAN	23.86	22.80	19.85	21.40	21.93	28.22	29.03	27.97	26.83	25.66	25.26		MEAN
INST	23.55	20.91	19.32	20.04	21.32	22.15	24.63	25.53	25.51	25.03	24.87		INST
MAX	(31)	(29)	(16)	(2)	(7)	(1)	(3)	(1)	(27)	(21)	(27)		MAX
INST	24.19	23.85	21.22	33.41	23.76	46.15	44.19	39.25	38.38	27.43	27.16		INST
MIN	(12)	(7)	(1)	(17)	(26)	(8)	(13)	(20)	(3)	(26)	(1)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 190

TOWNSHIP OF SULLIVAN

CONC. 3

LOT 23

WELL REC #: 2503102  
UTM CO-ORDS: Z-17 E507910 N4910800  
LAT & LONG: 44-21NORTH 80-54WEST

REC METHOD: STEEL TAPE  
REC COMMO: DEC. 21 1967  
MEASURE PT: 3.3 FEET ABOVE GROUND SURFACE  
GND ELEV: 1065 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; LIGHT BROWN CLAYEY TILL AND GRAVEL 12; GRAVEL AND BOULDERS 16; DRY BROWN SAND 28; LIGHT BROWN SAND AND GRAVEL 30; GRAVEL, STONES AND BROKEN DOLOMITE 38; LIGHT BUFF DOLOMITE 48; BUFF GREY DOLOMITE 84; LIGHT BUFF GREY DOLOMITE 88.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 48 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 88 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					04/ 21.03				26/ 22.92		



ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 191  
TOWNSHIP OF SULLIVAN

WELL REC #1 2504249  
UTM CO-ORDS: 2=17 E507875 N4910810  
LAT & LONG: 44=21NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMOD: MAR. 30 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1060 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; BOULDERS 07; SANDY CLAY 10; CLAYEY TILL AND BOULDERS 14; VERY BOULDERY TILL 29; SAND AND GRAVEL 30;  
DOLOMITE 51.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 31 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 31 FEET

PUMP RATE: 20 IGPM  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 18.28					08/ 16.54				26/ 17.89		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 192  
TOWNSHIP OF SULLIVAN

WELL REC #1 2504250  
UTM CO-ORDS: 2=17 E507875 N4910810  
LAT & LONG: 44=21NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMOD: MAR. 30 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1060 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOP SOIL 01; BOULDERS 07; SANDY CLAY 10; CLAYEY TILL AND BOULDERS 14; VERY BOULDERY TILL 29; SAND AND GRAVEL 30;  
DOLOMITE 55.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 52 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 55 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
18/ 18.04					04/ 16.24				26/ 17.68		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 193  
TOWNSHIP OF SULLIVAN

WELL REC #1 2504251  
UTM CO-ORDS: 2=17 E507875 N4910810  
LAT & LONG: 44=21NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMOD: MAR. 30 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1060 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; BOULDERS 07; SANDY CLAY 10; CLAYEY TILL AND BOULDERS 14; VERY BOULDERY TILL 29; SAND AND GRAVEL 30;  
DOLOMITE 45.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 82 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 85 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 18.03					04/ 16.11				26/ 17.80		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 194  
TOWNSHIP OF SULLIVAN

CONC 3 LOT 23  
WELL REC #1: 2503164  
UTM CO-ORDS: 7-17 E507900 N4910785  
LAT & LONG: 44-21N07W 80-54W E8T

REC METHOD: ASE RECORDER  
REC COMM: MAR 24 1968  
MEASURE PT: 3.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 1064 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG:

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 134 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 378 FEET

PUMP RATE: 150 GPM  
SPEC. CAP: 3.17 GPM/FT  
ADJUFER: DOLOMITE  
QUALITY: FRESH

VERY BOULDERY, BROWN CLAY TILL 39; LIGHT BUFF, FRACTURED DOLOMITE WITH SILT 48; BUFF GREY DOLOMITE, BITUMINOUS AT THE BASE 83; GREY AND TAN DOLOMITE 105; BUFF, LOOSE AND FRACTURED DOLOMITE WITH CLAY AND SILT 154; BUFF GREY DENSE DOLOMITE 192; GREY BROWN DOLOMITE, BITUMINOUS 213; LIGHT GREY DOLOMITE 266; GREY DOLOMITE 304; GREY, POROUS FOSSILIFEROUS AND CRYSTALLINE DOLOMITE 316.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LAY
1	21.73	21.79	21.25	18.81	19.32	19.71	19.96	20.42	20.90	21.19	21.52	21.24	1
2	21.63	21.86	21.15	18.88	19.32	19.74	20.03	20.45	20.97	21.20	21.44	21.26	2
3	21.64	21.85	21.12	18.84	19.45	19.74	20.02	20.47	20.90	21.22	21.47	21.28	3
4	21.76	21.95	21.00	18.85	19.43	19.75	20.01	20.43	20.91	21.24	21.51	21.25	4
5	21.79	21.83	20.89	18.82	19.37	19.75	20.03	20.43	21.01	21.23	21.52	21.30	5
6	21.72	21.79	20.67	18.85	19.47	19.71	20.04	20.55	21.02	21.24	21.51	21.19	6
7	21.72	21.72	20.60	18.92	19.45	19.72	20.04	20.52	21.00	21.30	21.56	21.22	7
8	21.76	21.91	20.59	18.95	19.45	19.74	20.10	20.50	21.02	21.22	21.59	21.32	8
9	21.77	21.84	20.51	18.93	19.42	19.78	20.13	20.55	21.01	21.21	21.48	21.24	9
10	21.82	21.78	20.53	18.90	19.42	19.77	20.07	20.58	20.98	21.31	21.57	21.32	10
11	21.72	21.91	20.59	19.05	19.46	19.79	20.08	20.58	20.99	21.35	21.64	21.27	11
12	21.82	21.79	20.33	19.02	19.50	19.89	20.15	20.56	21.07	21.28	21.64	21.35	12
13	21.75	21.93	20.52	19.01	19.49	19.85	20.18	20.58	21.09	21.25	21.61	21.26	13
14	21.81	21.79	20.46	19.03	19.48	19.86	20.18	20.61	21.06	21.32	21.58	21.27	14
15	21.84	21.71	20.46	19.06	19.53	19.86	20.19	20.59	21.07	21.31	21.61	21.26	15
16	21.74	21.65	20.36	19.13	19.46	19.87	20.18	20.64	21.10	21.44	21.65	21.27	16
17	21.84	21.67	20.47	19.17	19.50	19.96	20.23	20.68	21.09	21.45	21.55	21.40	17
18	21.84	21.52	20.38	19.14	19.53	19.91	20.27	20.67	21.07	21.43	21.58	21.26	18
19	21.76	21.63	20.40	19.16	19.52	19.92	20.30	20.68	21.09	21.39	21.62	21.23	19
20	21.81	21.58	20.19	19.19	19.53	19.96	20.24	20.70	21.05	21.33	21.64	21.36	20
21	21.80	21.39	19.87	19.14	19.58	19.95	20.31	20.70	21.06	21.34	21.59	21.32	21
22	21.87	21.44	19.68	19.21	19.61	19.98	20.32	20.71	21.09	21.44	21.64	21.29	22
23	21.83	21.43	19.54	19.32	19.60	20.01	20.28	20.77	21.09	21.45	21.68	21.36	23
24	21.92	21.41	19.40	19.27	19.60	19.94	20.33	20.81	21.10	21.34	21.65	21.29	24
25	21.83	21.40	19.34	19.23	19.62	19.96	20.36	20.79	21.04	21.36	21.64	21.28	25
26	21.90	21.36	19.07	19.33	19.65	20.05	20.31	20.80	21.04	21.43	21.60	21.32	26
27	21.81	21.30	18.99	19.37	19.66	20.06	20.37	20.81	21.09	21.46	21.60	21.30	27
28	21.70	21.30	19.00	19.35	19.63	20.03	20.38	20.83	21.14	21.39	21.37	21.33	28
29	21.82	21.30	18.84	19.36	19.64	19.99	20.36	20.93	21.10	21.40	21.27	21.40	29
30	21.82		18.79	19.35	19.64	19.97	20.35	20.94	21.17	21.42	21.27	21.34	30
31	21.74		18.82		19.67		20.34	20.88		21.45		21.41	31

-MONTHLY SUMMARY-

MEAN	21.79	21.65	20.12	19.09	19.52	19.87	20.20	20.65	21.04	21.34	21.55	21.30	MEAN
INST	21.55	21.16	18.72	18.80	19.24	19.67	19.94	20.37	20.83	21.16	21.23	21.13	INST
MAX	(2)	(28)	(30)	(1)	(2)	(1)	(1)	(4)	(5)	(9)	(29)	(13)	MAX
INST	21.97	21.98	21.34	19.39	19.71	20.10	20.43	20.96	21.18	21.53	21.71	21.49	INST
MIN	(24)	(11)	(1)	(27)	(27)	(27)	(28)	(30)	(30)	(31)	(20)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 195  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22  
WELL REC #1: 2504255  
UTM CO-ORDS: 7-17 E507935 N4910840  
LAT & LONG: 44-21N07W 80-54W E8T

REC METHOD: STEEL TAPF  
REC COMM: APR. 15 1968  
MEASURE PT: 3.2 FEET ABOVE GROUND SURFACE  
GND ELEV: 1066 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG:

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 368 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 371 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
ADJUFER: DOLOMITE  
QUALITY: FRESH

GREY SANDY SILT TILL BOULDERS 40; BUFF BROKEN WEATHERED DOLOMITE 42; BUFF-GREY DOLOMITE, BITUMINOUS AT THE BASE 85; LIGHT GREY TAN DOLOMITE 115; BUFF-BROWN, LOOSE AND POROUS DOLOMITE WITH CLAY AND SILT 128; TAN-GREY DOLOMITE 178; DARK GREY DOLOMITE 196; BUFF-GREY DOLOMITE, BITUMINOUS 216; LIGHT GREY DOLOMITE 271; GREY DOLOMITE 299; POROUS GREY DOLOMITE, FOSSILIFEROUS 310; LIGHT AND DARK GREY DOLOMITE 344; LIGHT TO GREY DOLOMITE 366; GREY TO BUFFISH GREY DOLOMITE, SOME PYRITE CRYSTALLIZATION 371.

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 23.72					04/ 21.58				26/ 24.24		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 196  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22  
WELL REC #1: 2504254  
UTM CO-ORDS: 7-17 E507935 N4910840  
LAT & LONG: 44-21N07W 80-54W E8T

REC METHOD: STEEL TAPF  
REC COMM: APR. 15 1967  
MEASURE PT: 3.2 FEET ABOVE GROUND SURFACE  
GND ELEV: 1066 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG:

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 303 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 306 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
ADJUFER: DOLOMITE  
QUALITY: FRESH

GREY SANDY SILT TILL BOULDERS 40; BUFF BROKEN WEATHERED DOLOMITE 42; BUFF-GREY DOLOMITE, BITUMINOUS AT THE BASE 85; LIGHT GREY TAN DOLOMITE 115; BUFF-BROWN, LOOSE AND POROUS DOLOMITE WITH CLAY AND SILT 128; TAN-GREY DOLOMITE 178; DARK GREY DOLOMITE 196; BUFF-GREY DOLOMITE, BITUMINOUS 216; LIGHT GREY DOLOMITE 271; GREY DOLOMITE 299; POROUS GREY DOLOMITE, FOSSILIFEROUS 306.

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 23.80					08/ 21.63				26/ 24.42		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 197  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504256  
UTM CO-ORDS Z=17 E508510 N4910380  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMO: APR. 6 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1161 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; VERY BOULDERY TILL 07; SANDY, GRAVELLY TILL 3A; COARSE SAND AND FINE GRAVEL 53.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 50 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 53 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 SAND AND GRAVEL  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 86.67					04/ 44.86				26/ 45.98		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 198  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504257  
UTM CO-ORDS Z=17 E508510 N4910380  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMO: APR. 6 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1161 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; VERY BOULDERY TILL 07; SANDY, GRAVELLY TILL 3A; COARSE SAND AND FINE GRAVEL 55; FINE SAND 74; SANDY SILT 80; SILTY CLAY 94; FINE SAND 96; SILTY CLAY 112; FINE SAND 120; COARSE GRAVEL 124; SANDY SILT 128; COARSE GRAVEL 130; DOLOMITE GUELPH FORMATION 132.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 129 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 132 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 DOLOMITE  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					04/ 98.90				26/102.00		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 199  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504258  
UTM CO-ORDS Z=17 E508510 N4910380  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMO: APR. 6 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1161 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; VERY BOULDERY TILL 07; SANDY, GRAVELLY TILL 3A; COARSE SAND AND FINE GRAVEL 55; FINE SAND 74; SANDY SILT 80; SILTY CLAY 94; FINE SAND 96; SILTY CLAY 112; FINE SAND 120; COARSE GRAVEL 124; SANDY SILT 128; COARSE GRAVEL 130; DOLOMITE GUELPH FORMATION 163.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 160 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 163 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 DOLOMITE  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					04/ 99.80						

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 200  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504259  
UTM CO-ORDS Z=17 E507240 N4910150  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMO: MAR. 31 1967  
MEASURE PT: 2.9 FEET ABOVE GROUND SURFACE  
GND ELEV: 1036 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 02; SANDY GRAVELLY TILL, SOME BOULDERS 24; WEATHERED DOLOMITE, BROKEN ROCK 29.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 29 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 29 FEET

PUMP RATE: FLOWING  
SPEC. CAP: N.A.  
AQUIFER: 1 BROKEN ROCK  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 7.32					04/ 0.31				26/ 8.96		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 201  
TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504260  
UTM CO-ORDS Z=17 E507240 N4910150  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPF  
REC COMMO: MAR. 31 1967  
MEASURE PT: 2.9 FEET ABOVE GROUND SURFACE  
GND ELEV: 1036 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 02; SANDY GRAVELLY TILL, SOME BOULDERS 24; WEATHERED DOLOMITE, BROKEN ROCK 29; DOLOMITE GUELPH FORMATION 47.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 44 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 47 FEET

PUMP RATE: FLOWING  
SPEC. CAP: N.A.  
AQUIFER: 1 DOLOMITE  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 2.86					04/ -0.62				26/ 3.70		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 202

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504261  
UTM CO-ORDS: Z=17 E507240 N4910150  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPE  
REC COMMCD: MAR. 31 1967  
MEASURE PT: 2.9 FEET ABOVE GROUND SURFACE  
GND ELEV: 1036 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 02; SANDY GRAVELLY TILL, SOME BOULDERS 24; WEATHERED DOLOMITE, BROKEN ROCK 29; DOLOMITE GUELPH FORMATION 47; DOLOMITE LOCKPORT FORMATION 75.  
DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 72 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 75 FEET  
PUMP RATE: FLOWING  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 4.02					04/ 0.31				26/ 1.37		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 203

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 23

WELL REC #1 2504262  
UTM CO-ORDS: Z=17 E507130 N4911300  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPE  
REC COMMCD: MAR. 23 1967  
MEASURE PT: 2.65 FEET ABOVE GROUND SURFACE  
GND ELEV: 1020 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; SANDY, GRAVELLY TILL, SOME BOULDERS 31; BUFF DOLOMITE, GUELPH FORMATION 33.  
DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 33 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 33 FEET  
PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 6.46					04/ 7.38				26/ 5.68		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 204

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22

WELL REC #1 2504263  
UTM CO-ORDS: Z=17 E507130 N4911300  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPE  
REC COMMCD: MAR. 23 1967  
MEASURE PT: 2.65 FEET ABOVE GROUND SURFACE  
GND ELEV: 1020 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; SANDY GRAVELLY TILL, FEW BOULDERS 31; BUFF DOLOMITE, GUELPH FORMATION 43; LIGHT BROWN DOLOMITE, LOCKPORT FORMATION 49.  
DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 46 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 49 FEET  
PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 11.31					04/ 11.23				26/ 11.21		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 205

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22

WELL REC #1 2504264  
UTM CO-ORDS: Z=17 E507130 N4911300  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPE  
REC COMMCD: MAR. 23 1967  
MEASURE PT: 2.65 FEET ABOVE GROUND SURFACE  
GND ELEV: 1020 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; SANDY GRAVELLY TILL, FEW BOULDERS 31; BUFF DOLOMITE, GUELPH FORMATION 43; LIGHT BROWN DOLOMITE, LOCKPORT FORMATION 72.  
DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 69 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 72 FEET  
PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 12.45					04/ 12.18				26/ 12.49		

ENVIRONMENT ONTARIO  
TORONTO  
GREY COUNTY

OBSERVATION WELL 211

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22

WELL REC #1 2504253  
UTM CO-ORDS: Z=17 E507935 N4910400  
LAT & LONG: 44=22NORTH 80=54WEST

REC METHOD: STEEL TAPE  
REC COMMCD: APR. 15 1968  
MEASURE PT: 3.2 FEET ABOVE GROUND SURFACE  
GND ELEV: 1066 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SANDY SILT, BOULDERS 40; BUFF BROKEN WEATHERED DOLOMITE 42; BUFF GREY DOLOMITE BITUMINOUS AT THE BASE 85; LIGHT GREY TAN DOLOMITE 115; BUFF BROWN LOOSE AND POROUS DOLOMITE WITH CLAY AND SILT 128; TAN GREY DOLOMITE 178; DARK GREY DOLOMITE 196; BUFF GREY DOLOMITE, BITUMINOUS 214; LIGHT GREY DOLOMITE 240.  
DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 237 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 240 FEET  
PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 23.86					04/ 21.72				26/ 24.12		

ENVIRONMENT ONTARIO  
TORONTO  
GREGG COUNTY

OBSERVATION WELL 212

TOWNSHIP OF SULLIVAN

CONC. 3 LOT 22

WELL REC #1 2504252  
UTM CO-ORDS: Z=17 E407995 N4910440  
LAT & LONG: 44-22NORTH 80-54WEST

REC METHOD: STEEL TAPF  
REC COMMD: APR. 15 1966  
MEASURE PT: 3.2 FEET ABOVE GROUND SURFACE  
GND ELEV: 1066 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SANDY SILT, BOULDERS 40; RUFF BROKEN WEATHERED DOLOMITE 42; RUFF GREY DOLOMITE BITUMINOUS AT THE BASE 85;  
LIGHT GREY TAN DOLOMITE 115; RUFF BROWN LOOSE AND POROUS DOLOMITE WITH CLAY AND SILT 127.

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 124 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 127 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 DOLOMITE  
QUALITY: 1 FRESH

1976

DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14/ 24.80					04/ 21.83				26/ 25.14		

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 346

TOWNSHIP OF MORRIS

CONC. 8 LOT 27

WELL REC #1 3002701  
UTM CO-ORDS: Z=17 E476495 N4840190  
LAT & LONG: 43-45NORTH 81-20WEST

REC METHOD: STEEL TAPF  
REC COMMD: DEC. 06 1971  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1153 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL AND BOULDERS 14; BLUE CLAY 21; GRAVEL 25; BLUE CLAY AND BOULDERS 42; CLAY HARDPAN, STONES, GRAVEL 58.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 55 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 58 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 CLAY, STONES, GRAVEL  
QUALITY: 1 FRESH

1976

DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 8.92						

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 347

TOWNSHIP OF MORRIS

CONC. 8 LOT 27

WELL REC #1 3002702  
UTM CO-ORDS: Z=17 E476495 N4840190  
LAT & LONG: 43-45NORTH 81-20WEST

REC METHOD: STEEL TAPF  
REC COMMD: NOV. 30 1971  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1153 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL AND BOULDERS 14; BLUE CLAY 21; GRAVEL 25; BLUE CLAY AND BOULDERS 42; CLAY HARDPAN, STONES, GRAVEL 63;  
BROWN LIMESTONE 161.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 154 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 161 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 LIMESTONE  
QUALITY: 1 FRESH

1976

DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 33.84						

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 348

TOWNSHIP OF MORRIS

CONC. 8 LOT 27

WELL REC #1 3002703  
UTM CO-ORDS: Z=17 E476495 N4840190  
LAT & LONG: 43-45NORTH 81-20WEST

REC METHOD: STEEL TAPF  
REC COMMD: NOV. 30 1971  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1153 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL AND BOULDERS 14; BLUE CLAY 21; GRAVEL 25; BLUE CLAY AND BOULDERS 42; CLAY HARDPAN, STONES, GRAVEL 63;  
BROWN LIMESTONE 411; LIMESTONE WITH CHERT AND FOSSILS 422.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 419 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 422 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 LIMESTONE WITH CHERT  
QUALITY: 1 FRESH

1976

DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 31.44				24/ 37.11		

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 349

TOWNSHIP OF MORRIS

CONC. 8 LOT 26

WELL REC #1 3002704  
UTM CO-ORDS: Z=17 E476495 N484020  
LAT & LONG: 43-45NORTH 81-20WEST

REC METHOD: STEEL TAPF  
REC COMMD: JAN. 11 1972  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1142 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK MUCK 05; GREY QUICKSAND AND BOULDERS 41; GREY CLAY AND STONES 46; GREY CLAY AND STONES, HARDPAN 54.

DIAMETER OF WELL: 1 INCHES  
LENGTH OF CASING: 51 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 54 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 CLAY AND STONES  
QUALITY: 1 FRESH

1976

DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 16.75					03/ 16.92				24/ 14.71		

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 350  
TOWNSHIP OF MORRIS

CONC. A LOT 26

WELL REC #1 3002705  
UTM CO-ORDS: Z-17 E476405 N4840820  
LAT & LONG: 43-45N08W R1-20W08T

REC METHOD: STEEL TAPF  
REC COMCD: JAN. 11 1972  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1142 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK MUCK 05; GREY QUICKSAND AND BOULDERS 41; GREY CLAY AND STONES 46; GREY CLAY AND STONES, HARDPAN 64; LIMESTONE 73.

DIAMETER OF WELL: 1 INCHES  
LENGTH OF CASING: 70 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 73 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 22.05				26/ 24.33		

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 351  
TOWNSHIP OF MORRIS

CONC B LOT 26

WELL REC #: 3002706  
UTM CO-ORD: Z-17 E476405 N4840820  
LAT & LONG: 43-44N08W R1-18W08T

REC METHOD: A35 RECORDER  
REC COMCD: JAN 1 1972  
MEASURE PT: 3.00 FEET ABOVE GROUND SURFACE  
GND ELEV: 1142 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK MUCK 5; GREY QUICKSAND AND BOULDERS 41; GREY CLAY AND STONES 46; GREY CLAY, STONES AND HARDPAN 64; LIMESTONE 150.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 147 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 150 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							24.40	25.36	26.04	26.03	25.83	25.47	1
2							24.58	25.50	26.20	26.05	25.79	25.28	2
3							24.66	25.64	26.12	26.10	25.70	25.37	3
4						23.67	24.69	25.59	25.97	26.17	25.74	25.21	4
5						23.75	24.73	25.43	26.10	26.06	25.76	25.30	5
6						23.68	24.71	25.55	26.22	25.94	25.74	25.10	6
7						23.59	24.65	25.61	26.22	26.13	25.90	24.84	7
8						23.59	24.71	25.58	26.24	26.08	25.83	24.95	8
9						23.62	24.84	25.65	26.18	25.90	25.65	25.10	9
10						23.62	24.73	25.71	26.05	25.94	25.62	24.89	10
11						23.60	24.61	25.75	26.05	26.13	25.83	25.01	11
12						23.87	24.69	25.65	26.24	26.02	25.95	24.74	12
13						23.91	24.77	25.63	26.35	25.82	25.94	24.97	13
14						23.88	24.83	25.68	26.32	25.81	25.83	24.80	14
15						23.87	24.86	25.73	26.29	25.72	25.81	24.74	15
16						23.89	24.88	25.85	26.31	25.95	25.90	24.63	16
17						24.17	25.02	25.94	26.25	26.14	25.73	24.57	17
18						24.21	25.14	25.97	26.17	26.23	25.56	24.91	18
19						24.15	25.26	25.95	26.15	26.16	25.55	24.73	19
20						24.28	25.22	25.98	26.00	25.90	25.67	24.49	20
21						24.32	25.22	25.94	25.98	25.73	25.60	24.72	21
22						24.35	25.32	25.87	26.05	25.84	25.63	24.76	22
23						24.45	25.24	25.95	26.14	26.08	25.77	24.64	23
24						24.35	25.25	26.08	26.30	25.95	25.77	24.84	24
25						24.27	25.33	26.07	26.20	25.90	25.69	24.69	25
26						24.45	25.25	26.03	26.09	26.00	25.53	24.57	26
27						24.55	25.20	25.95	25.95	26.13	25.49	24.58	27
28						24.53	25.25	25.95	26.11	26.02	25.59	24.48	28
29						24.45	25.19	26.05	25.99	25.85	25.48	24.53	29
30						24.36	25.26	26.21	25.97	25.81	25.48	24.75	30
31							25.25	26.14		25.73		24.73	31
-MONTHLY SUMMARY-													
MEAN						24.56		25.81	26.14	25.98	25.71	24.85	MEAN
INST							24.32	25.25	25.94	25.65	25.40	24.40	INST
MAX							( 1 )	( 1 )	( 4 )	( 21 )	( 27 )	( 20 )	MAX
INST							25.27	26.23	26.36	26.26	25.97	25.51	INST
MIN							( 25 )	( 30 )	( 14 )	( 18 )	( 13 )	( 1 )	MIN

ENVIRONMENT ONTARIO  
TORONTO  
HURON COUNTY

OBSERVATION WELL 352  
TOWNSHIP OF MORRIS

CONC. A LOT 26

WELL REC #1 3002707  
UTM CO-ORDS: Z-17 E476405 N4840820  
LAT & LONG: 43-45N08W R1-20W08T

REC METHOD: STEEL TAPF  
REC COMCD: JAN. 11 1972  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1142 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK MUCK 05; GREY QUICKSAND AND BOULDERS 41; GREY CLAY AND STONES 46; GREY CLAY AND STONES, HARDPAN 64; LIMESTONE 413.

DIAMETER OF WELL: 1 INCH  
LENGTH OF CASING: 410 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 413 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 24.33					03/ 24.74				24/ 27.18		

ENVIRONMENT ONTARIO  
TORONTO  
MURON COUNTY

OBSERVATION WELL 353  
TOWNSHIP OF MORRIS

CONC. A LOT 27

WELL REC #1 3002708  
UTM CO-ORDS: Z-17 E476880 N4840550  
LAT & LONG: 43-44N08TH 81-18W08T

REC METHOD: STEEL TAPF  
REC COMMD: DFC. 14 1972  
MEASURE PT: 3.16 FEET ABOVE GROUND SURFACE  
GND ELEV: 1143 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 05; YELLOW CLAY AND STONES 23; BLUE CLAY AND STONES 50.

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 47 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 50 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: BLUE CLAY AND STONES  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 1.75				26/ 3.07		

ENVIRONMENT ONTARIO  
TORONTO  
MURON COUNTY

OBSERVATION WELL 354  
TOWNSHIP OF MORRIS

CONC. A LOT 27

WELL REC #1 3002709  
UTM CO-ORDS: Z-17 E476880 N4840550  
LAT & LONG: 43-44N08TH 81-18W08T

REC METHOD: STEEL TAPF  
REC COMMD: DEC. 13 1972  
MEASURE PT: 3.16 FEET ABOVE GROUND SURFACE  
GND ELEV: 1143 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 05; YELLOW CLAY AND STONES 23; BLUE CLAY AND STONES 56; LIMESTONE 154.

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 151 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 154 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
									26/ 26.80		

ENVIRONMENT ONTARIO  
TORONTO  
MURON COUNTY

OBSERVATION WELL 355  
TOWNSHIP OF MORRIS

CONC. A LOT 27

WELL REC #1 3002710  
UTM CO-ORDS: Z-17 E476880 N4840550  
LAT & LONG: 43-44N08TH 81-18W08T

REC METHOD: STEEL TAPF  
REC COMMD: DEC. 12 1972  
MEASURE PT: 3.16 FEET ABOVE GROUND SURFACE  
GND ELEV: 1143 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 05; YELLOW CLAY AND STONES 23; BLUE CLAY AND STONES 56; LIMESTONE 276.

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 273 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 276 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 24.79				26/ 27.27		

ENVIRONMENT ONTARIO  
TORONTO  
MURON COUNTY

OBSERVATION WELL 376  
TOWNSHIP OF MORRIS

CONC. A LOT 27

WELL REC #1 3002711  
UTM CO-ORDS: Z-17 E476880 N4840550  
LAT & LONG: 43-44N08TH 81-18W08T

REC METHOD: STEEL TAPF  
REC COMMD: DFC. 1231972  
MEASURE PT: 3.16 FEET ABOVE GROUND SURFACE  
GND ELEV: 1143 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 05; YELLOW CLAY AND STONES 23; BLUE CLAY AND STONES 56; LIMESTONE 403.

DIAMETER OF WELL: 1.5 INCHES  
LENGTH OF CASING: 400 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 403 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					03/ 25.79				26/ 28.20		

ENVIRONMENT ONTARIO  
TORONTO  
KENT COUNTY

OBSERVATION WELL 172

TOWN OF BOTHWELL

CONC. -

LOT -

WELL REF #: 3300023  
UTM CO-ORD: Z-17 F42R050 N4720450  
LAT & LONG: 42-34N05TH 81-53W05T

REC METHOD: A35 RECORDER  
REC COMMCD: JUN. 5 1966  
MEASURE PT: 2.4 FEET ABOVE GROUND SURFACE  
GND ELEV: 682 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN FINE SAND 10; BROWN FINE SILTY SAND 15; BROWN AND GREY FINE SAND WITH SOME FINE GRAVEL, COARSE SAND SEAMS 20; GREY SILTY FINE SAND 28; GREY COARSE SAND AND FINE TO MEDIUM GRAVEL 34; GREY SILTY CLAY TILL 35.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 30 FEET  
LENGTH OF SCREEN: 4 FEET  
DEPTH OF WELL: 34 FEET

PUMP RATE: 30 IGPM  
SPEC. CAP: 2.29 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.18	3.25	1.42	1.36	2.80	3.37	3.46	2.44	4.40	4.15	4.06	4.40	1
2	3.26	3.42	0.73	1.52	2.82	3.14	3.36	2.73	4.44	4.26	4.06	4.47	2
3	3.20	3.54	0.65	1.77	2.87	3.40	3.52	2.94	4.48	4.32	4.09	4.54	3
4	3.30	3.64	0.64	2.02	3.03	3.61	3.67	3.05	4.54	4.37	4.11	4.59	4
5	3.46	3.68	0.70	2.24	3.13	3.74	3.80	3.16	4.60	4.41	4.11	4.62	5
6	3.55	3.70	0.84	2.28	2.70	3.81	3.74	2.85	4.66	4.39	4.11	4.62	6
7	3.60	3.74	0.92	2.43	1.42	3.90	3.30	3.12	4.70	4.18	4.15	4.62	7
8	3.65	3.77	1.01	2.54	1.80	3.98	3.31	3.05	4.74	4.16	4.19	4.62	8
9	3.71	3.82	1.06	2.60	2.17	4.06	3.54	3.11	4.77	4.20	4.21	4.62	9
10	3.80	3.74	1.07	2.64	2.48	4.13	2.01	3.31	4.30	4.22	4.24	4.62	10
11	3.84	3.11	1.15	2.71	2.55	4.20	1.27	3.42	4.20	4.26	4.29	4.57	11
12	3.87	2.92	1.00	2.78	2.72	4.26	1.65	3.38	4.30	4.31	4.33	4.58	12
13	3.86	2.95	0.50	2.83	2.88	4.31	2.11	3.41	4.41	4.36	4.35	4.67	13
14	3.90	2.95	0.55	2.89	2.98	4.35	2.45	3.29	4.51	4.40	4.39	4.70	14
15	3.92	1.92	1.08	2.97	3.03	4.40	2.64	2.65	4.60	4.45	4.43	4.73	15
16	3.93	1.52	1.08	3.04	2.65	4.36	2.80	3.02	4.64	4.51	4.47	4.74	16
17	3.97	1.17	1.25	3.12	2.16	4.37	2.96	3.25	4.58	4.57	4.48	4.75	17
18	4.00	1.05	1.43	3.20	2.45	4.46	3.08	3.42	4.78	4.61	4.48	4.77	18
19	4.03	1.15	1.36	3.28	2.72	4.31	3.22	3.56	4.82	4.63	4.40	4.77	19
20	4.04	1.22	1.45	3.35	2.90	4.22	3.31	3.65	4.87	4.62	4.44	4.79	20
21	4.05	1.02	1.62	3.35	2.83	4.29	2.58	3.74	4.87	4.65	4.55	4.82	21
22	4.07	0.96	1.85	3.29	3.07	4.40	3.07	3.81	4.96	4.65	4.55	4.80	22
23	4.08	1.10	2.04	3.14	3.20	4.49	3.22	3.89	4.03	4.68	4.62	4.88	23
24	4.12	1.12	2.12	3.15	3.30	4.45	3.32	3.97	4.10	4.72	4.64	4.74	24
25	4.15	1.13	1.36	2.00	3.37	3.87	3.49	4.05	4.17	4.72	4.65	4.74	25
26	4.04	1.17	1.61	1.73	3.38	3.98	3.59	4.10	4.13	4.72	4.60	4.77	26
27	3.78	1.26	1.36	2.10	3.47	4.16	3.67	4.15	3.89	4.26	4.27	4.79	27
28	3.85	1.36	1.25	2.39		4.26	3.72	4.18	3.93	4.31	4.17	4.80	28
29	3.02	1.42	1.46	2.58	3.62	4.31	1.74	4.24	4.02	4.35	4.19	4.80	29
30	3.15		1.56	2.72	3.66	3.96	1.70	4.31	4.11	4.38	4.30	4.83	30
31	3.26		1.45		3.48		2.04	4.36		4.16		4.84	31
-MONTHLY SUMMARY-													
MEAN	3.62	2.26	1.24	2.60		4.08	2.96	3.48	4.28	4.34	4.34	4.67	MEAN
INST	2.77	0.81	0.54	1.25		3.03	1.08	2.26	3.72	4.07	4.05	4.36	INST
MAX	(27)	(21)	(5)	(11)		(21)	(11)	(1)	(18)	(21)	(1)	(1)	MAX
INST	4.16	3.83	2.18	3.41		4.53	3.56	4.38	4.80	4.64	4.65	4.86	INST
MIN	(25)	(10)	(25)	(21)		(24)	(6)	(31)	(9)	(20)	(26)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
KENT COUNTY

OBSERVATION WELL 217

TOWNSHIP OF CAMDEN

GORE 3

LOT 2

WELL REF #: 3305579  
UTM CO-ORD: Z-17 F401725 N4715000  
LAT & LONG: 42-35N05TH 82-12W05T

REC METHOD: A35 RECORDER  
REC COMMCD: SEP. 24 1968  
MEASURE PT: 1.22 FEET ABOVE GROUND SURFACE  
GND ELEV: 595 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 48; CLAY AND GRAVEL 53; SAND, GRAVEL AND Boulders 66; GRAVEL AND CLAY 75; HARDPAN AND GRAVEL 95; GRAVEL AND CLAY 105; GRAVEL 150.

DIAMETER OF WELL: 10 INCHES  
LENGTH OF CASING: 150 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 150 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						88.95	88.63	88.72	88.64	88.40	88.72	88.53	1
2						88.15	88.88	88.87	88.84	88.45	88.56	88.58	2
3						88.23	88.95	88.05	88.70	88.53	88.34	88.77	3
4						88.37	88.92	88.91	88.45	88.55	88.35	88.62	4
5						88.47	88.94	88.64	88.45	88.47	88.45	88.84	5
6						88.30	88.89	88.73	88.75	88.34	88.38	88.51	6
7						88.11	88.76	88.78	88.75	88.67	88.46	88.30	7
8						88.00	88.80	88.75	88.71	88.61	88.58	88.53	8
9						88.97	88.97	88.78	88.57	88.72	88.16	88.74	9
10						88.88	88.75	88.84	88.47	88.54	88.18	88.48	10
11						88.72	88.53	88.86	88.40	88.52	88.48	88.48	11
12						88.95	88.60	88.70	88.66	88.58	88.71	88.30	12
13						88.94	88.65	88.58	88.84	88.27	88.74	88.74	13
14						88.87	88.62	88.59	88.78	88.32	88.64	88.45	14
15						88.78	88.61	88.70	88.71	88.13	88.47	88.31	15
16						88.70	88.59	88.85	88.69	88.58	88.65	88.07	16
17						88.01	88.76	88.93	88.57	88.77	88.36	88.04	17
18						88.94	88.87	88.93	88.57	88.62	88.13	88.51	18
19						88.83	88.97	88.95	88.44	88.75	88.11	88.16	19
20						88.97	88.82	88.92	88.17	88.45	88.22	87.83	20
21						88.94	88.79	88.82	88.17	88.26	88.11	88.25	21
22						88.01	88.50	88.72	88.33	88.51	88.25	88.23	22
23						88.08	88.76	88.72	88.47	88.72	88.58	88.04	23
24						88.86	88.81	88.87	88.74	88.44	88.43	88.39	24
25						88.71	88.92	88.80	88.58	88.45	88.26	88.08	25
26						88.95	88.76	88.70	88.35	88.68	88.04	87.90	26
27						88.73	88.63	88.60	88.32	88.95	88.14	87.97	27
28						88.90	88.65	88.56	88.54	88.85	88.35	87.64	28
29					88.97	88.72	88.55	88.81	88.38	88.66	88.32	87.87	29
30					88.88	88.53	88.65	88.94	88.33	88.49	88.56	88.09	30
31					88.80		88.58	88.74		88.38		88.10	31
-MONTHLY SUMMARY-													
MEAN						88.96	88.76	88.79	88.55	88.54	88.39	88.37	MEAN
INST						88.46	88.43	88.51	88.12	88.04	87.91	87.61	INST
MAX						(30)	(11)	(28)	(71)	(15)	(78)	(78)	MAX
INST						88.53	88.05	88.10	88.88	88.58	88.70	88.91	INST
MIN						(5)	(9)	(3)	(13)	(27)	(13)	(5)	MIN



ENVIRONMENT ONTARIO  
TORONTO  
KENT COUNTY

OBSERVATION WELL 219  
TOWNSHIP OF CAMDEN

GORE 3 LOT 2

WELL REC #: 330557A  
UTM CO-ORD: Z-17 E401725 N4715025  
LAT & LONG: 42-35NORTH 82-11WEST

REC METHOD: STEEL TAPF  
REC COMMO: SEP. 24 1968  
MEASURE PT: 0.7 FEET ABOVE GROUND SURFACE  
GND ELEV: 595 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 48; CLAY AND GRAVEL 53; SAND, GRAVEL AND BOULDERS 66; GRAVEL AND CLAY 75; HARDPAN AND GRAVEL 95; GRAVEL AND CLAY 105; GRAVEL 150.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 150 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 150 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				28/ 89.50						03/ 89.27	

ENVIRONMENT ONTARIO  
TORONTO  
KENT COUNTY

OBSERVATION WELL 371  
TOWNSHIP OF HOWARD

CONC 1 LOT 15

WELL REC #: 3305424  
UTM CO-ORD: Z-17 F420620 N4710270  
LAT & LONG: 42-33NORTH 81-58WEST

REC METHOD: A35 RECORDER  
REC COMMO: JUN 26 1972  
MEASURE PT: 0.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 602 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; SOFT BROWN CLAY 11; BROWN SAND AND LCCSE

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 52 FEET  
LENGTH OF SCREEN: 15 FEET  
DEPTH OF WELL: 67 FEET

PUMP RATE: 155 IGPM  
SPEC. CAP: 38.7 IGPM/FT  
AQUIFER: GRAVEL  
QUALITY: FRESH

GRAVEL 40; LOOSE BROWN GRAVEL AND HARD BROWN SHALE 73.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.47	23.04				23.15	23.75						1
2	23.36	23.02				22.98	23.61						2
3	23.27	23.03			21.64	23.06	23.59						3
4	23.22	23.17			21.83	23.18	23.61						4
5	23.23	23.27			21.99	23.24	23.63						5
6	23.31	23.33			22.13	23.30	23.68						6
7	23.48	23.38			21.32	23.37	23.71						7
8	23.60	23.48			19.01	23.42							8
9	23.67	23.57			17.20	23.46							9
10	23.73	23.62			17.81	23.50							10
11	23.77	23.65			19.65	23.54							11
12	23.80	23.53			20.68	23.58							12
13	23.85	23.30			21.11	23.61							13
14	23.91	22.87			21.44	23.64							14
15	23.94	22.25			21.72	23.65							15
16	23.95	19.69			21.89	23.68							16
17	23.96	16.06			22.05	23.71							17
18	23.97	14.30			22.14	23.73							18
19	23.97	14.14			22.23	23.74							19
20	24.02				22.36	23.75							20
21	24.05				22.48	23.75							21
22	24.07				22.59	23.77							22
23	24.05				22.68	23.79							23
24	24.09				22.76	23.80							24
25	24.11				22.83	23.74							25
26	24.00				22.89	23.71							26
27	23.80				22.94	23.72							27
28	23.58				23.00	23.75							28
29	23.43				23.05	23.79							29
30	23.23				23.11	23.80							30
31	23.10				23.15								31
MEAN	23.71					23.56							MEAN
INST MAX	23.05 (31)					22.93 (2)							INST MAX
INST MIN	24.13 (25)					23.81 (24)							INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
LAMBTON COUNTY

OBSERVATION WELL 207

VILLAGE OF ALVINSTON

CONC -

LOT -

WELL REF #: 3400930  
UTM CO-ORD: Z-17 F429160 N4740965  
LAT & LONG: 42-40NCRTH 81-53WEST

REC METHOD: A35 RECORDER  
REC COMMCD: JUN 26 1967  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 720 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SAND 1P; BLUE CLAY 75; SHALE GRAVEL 76; BLACK SHALE 78.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 78 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 78 FEET

PUMP RATE: 24 GPM  
SPEC. CAP: 2.66 GPM/FT  
AQUIFER: SHALE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.74			36.68	37.37	38.36	38.12	38.38	38.61	38.05	38.63	38.19	1
2	37.83			36.89	37.17	38.51	38.45	38.63	38.74	39.02	38.49	38.15	2
3	38.22			37.13	37.24	38.56	38.49	38.87	38.73	38.85	38.20	38.48	3
4	38.50			36.98	37.66	38.70	38.51	38.83	38.64	38.99	38.16	38.31	4
5	38.23			37.05	37.44	38.84	38.54	38.55	38.76	39.00	38.24	38.59	5
6	38.11			36.95	37.46	38.79	38.51	38.68	38.81	38.77	38.13	38.46	6
7	38.13			37.04	37.63	38.65	39.41	38.65	39.16	39.02	38.22	38.04	7
8	38.28			37.24	37.74	38.86	38.36	38.49	39.13	39.08	38.35	38.21	8
9	38.08			37.44	37.55	39.06	38.55	38.53	39.12	38.63	37.94	38.45	9
10	37.79			37.31	37.48	39.05	38.50	38.63	38.95	38.63	37.87	38.19	10
11	37.83		36.76	37.18	37.36	39.01	38.13	38.64	38.91	38.77	38.15	38.29	11
12	37.46		37.06	37.51	37.57	38.99	38.09	38.45	39.09	38.74	38.36	37.95	12
13	37.83		36.45	37.44	37.61	38.72	38.22	38.28	39.29	38.40	38.48	38.23	13
14	37.47		36.81	37.29	37.47	38.57	38.21	38.26	39.23	38.47	38.30	38.12	14
15	37.64		36.52	37.19	37.55	38.54	38.16	38.33	39.22	38.20	38.11	37.97	15
16			36.90	37.21	37.59	38.35	38.18	38.47	39.21	38.56	38.29	37.76	16
17			36.63	37.38	37.23	38.57	38.49	38.60	39.22	38.68	38.10	37.70	17
18			36.85	37.53	37.47	38.57	38.57	38.62	39.06	38.82	37.81	38.40	18
19			36.73	37.41	37.97	38.48	38.66	38.66	39.03	38.72	37.79	38.44	19
20			36.71	37.41	37.90	38.67	38.48	38.76	38.69	38.38	37.82	37.83	20
21			36.56	37.15	38.29	38.63	38.38	38.78	39.12	38.21	37.82	37.97	21
22			37.06	37.05	38.57	38.59	38.43	38.78	39.16	38.42	37.94	38.08	22
23			37.25	37.45	38.65	38.64	38.28	38.82	39.13	38.72	38.19	37.83	23
24			37.06	37.50	38.70	38.54	38.42	38.98	39.34	38.45	38.12	38.16	24
25			36.77	37.15	38.75	38.35	38.67	38.92	39.17	38.34	38.05	38.03	25
26			36.87	37.23	38.73	38.50	38.58	38.85	39.02	38.57	37.82	37.61	26
27			36.63	37.49	38.88	38.62	38.41	38.74	38.85	38.88	37.80		27
28			36.86	37.64	38.96	38.42	38.39	38.65	39.21	38.78	38.08		28
29			37.06	37.60	38.58	38.23	38.25	38.93	39.07	38.58	38.03		29
30			36.80	37.55	38.41	38.01	38.34	39.07	38.97	38.44	38.16		30
31			36.66		38.28		38.41	38.95		38.25			31
-MONTHLY SUMMARY-													
MEAN				37.27	37.91	38.61	38.39	38.67	39.02	38.66	38.11		MEAN
INST				36.54	37.05	37.89	37.67	38.14	38.44	38.05	37.55		INST
MAX				(11)	(17)	(30)	(11)	(14)	(4)	(21)	(27)		MAX
INST				37.73	39.05	39.50	38.79	39.32	39.42	39.27	38.75		INST
MIN				(28)	(27)	(9)	(26)	(31)	(13)	(8)	(1)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
LAMBTON COUNTY

OBSERVATION WELL 056

TOWN OF FOREST

CONC -

LOT -

WELL REF #: 3404947  
UTM CO-ORD: Z-17 F418560 N4771920  
LAT & LONG: 42-36NCRTH 82-00WEST

REC METHOD: 1P TYPE RECORDER  
REC COMMCD: MAY 8 1950  
MEASURE PT: 1.67 FEET ABOVE GROUND SURFACE  
GND ELEV: 720 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 110.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 110 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 110 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		93.32	92.93	91.97		94.27	95.44	96.65	97.16	96.29	97.32		1
2		93.75				94.65	96.06	96.60	97.34	96.12			2
3		93.86				94.86		97.04	97.32	96.10			3
4		94.55			93.36	95.25	96.19	96.97	97.07	96.15			4
5		94.62			93.02	95.37	96.21	96.68	97.16	96.03			5
6		94.33		92.20	93.26	95.21	96.15		97.14	96.08	96.80		6
7	94.20	93.82		92.44	93.34	95.19	96.21	96.34	97.45		96.76		7
8		93.45		92.64		95.41	96.14	96.16	97.46		96.99		8
9		94.00		92.69		95.59	96.29	96.30	97.56	96.05			9
10		93.60		92.51		95.55	95.53	96.39	97.11	96.33			10
11		93.98		92.67			95.78	96.41	96.85	96.42		96.75	11
12				92.97		95.95	95.81	96.14	96.97	96.53		96.54	12
13				92.81		96.10	95.92		97.23			97.06	13
14			91.77	92.75		96.21	95.82		96.91			96.59	14
15		94.43	92.04	92.71		96.76			96.84		96.96	96.46	15
16		93.51	92.27		93.47	96.20			96.75	97.21	97.09		16
17		93.43	91.50		93.16	96.38			96.56	97.41	96.65		17
18		93.30	91.88		93.52	96.87			96.38	97.65	96.45		18
19			92.03		93.87	96.47		96.73	96.27	97.30	96.47		19
20			91.80	93.06	93.87	96.48		96.90	97.22	95.94			20
21			91.75	92.99	93.65	96.30		97.27	95.87				21
22		92.97	92.43	93.53	93.75	96.42		97.11	96.98				22
23		93.16	92.55	93.90	93.90	96.60		97.12	96.10				23
24		93.00	92.18	93.74	93.82		97.15	97.32					24
25			92.03	93.38	93.78		97.07	97.38		97.21			25
26			91.85	93.70	93.71		96.97	97.32		97.47			26
27			91.73	94.03	93.84		96.90	97.20		97.64			27
28					94.05	96.39	96.94	97.08		97.45			28
29					94.02	96.25		97.28	96.07	97.46			29
30		92.62			95.86			97.24	96.15	97.09			30
31			92.00		94.23		96.52	97.24		96.83			31
-MONTHLY SUMMARY-													
MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 206  
TOWNSHIP OF CARADOC

RANGE 1 N LOT 15

WELL REC #: 4106020  
UTM CO-ORDS: Z-17 E460740 N4747920  
LAT & LONG: 42-53NORTH 81-29WEST

REC METHOD: F# TYPE RECORDER  
REC COMM: JUN 27 1967  
MEASURE PT: 3.25 FEET ABOVE GROUND SURFACE  
GND ELEV: 730 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: OVERBURDEN 22.

DIAMETER OF WELL: 72 INCHES  
LENGTH OF CASING: 22 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 22 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: OVERBURDEN  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.98	3.76	1.74	2.22		4.14	4.68	3.86	5.00	4.63	4.36	4.11	1
2	3.91	3.80	1.22	2.07		4.07	4.51	3.94	5.03	4.64	4.30	4.20	2
3	3.88	3.87	0.51			4.08	4.97	4.06	5.07	4.67	4.32	4.28	3
4	3.89		0.12		3.35	4.16	5.47		5.09		4.31	4.35	4
5	3.94		0.20		3.37	4.28	5.38	4.36	5.13		4.29		5
6	4.01	4.02	0.63		3.06	4.40	5.08	4.36	5.18		4.28		6
7	4.09	4.05	1.06		1.00	4.46	4.97	4.34	5.24	4.78	4.28		7
8	4.16	4.10	1.49		1.47	4.52	4.86	4.11	5.36	4.73	4.29		8
9	4.22	4.14	1.80		1.95	4.61	4.83	3.67	5.34	4.69	4.39		9
10	4.28	4.16	1.98		2.27	4.69	4.77	3.51	5.32	4.67	4.41	4.57	10
11	4.34	4.01	2.12		2.49	4.76	4.57	3.59	5.26	4.69	4.37	4.58	11
12	4.40	3.93	2.12		2.63	4.81	4.45	3.70	5.20	4.71	4.35	4.60	12
13	4.43	3.92	1.16		2.86	4.86	4.39	3.79	5.19	4.73	4.32	4.62	13
14	4.45	3.92	1.42		3.05	4.97	4.40	3.70	5.21	4.74	4.32	4.65	14
15	4.46	3.02	1.71		3.37	5.04	4.36	3.61	5.24	4.76	4.32	4.67	15
16	4.48	2.07	1.97		3.45	5.08	4.31	3.66	5.27	4.78	4.33	4.70	16
17	4.50	1.18	2.26		3.28	5.14	4.31	3.78	5.26	4.81	4.34	4.72	17
18	4.51	0.72	2.56		3.31	5.17	4.36	3.93	5.11	4.84	4.35	4.74	18
19	4.53	0.40	2.52		3.40	5.18	4.46	4.09	4.91	4.86	4.37	4.76	19
20	4.56	0.68	2.39		3.49	5.20	4.58	4.20	4.77	4.83	4.39	4.71	20
21	4.57	0.50	2.44		3.55	5.23	4.66	4.30	4.69	4.75	4.41	4.61	21
22	4.57	0.30	2.71		3.61	5.26	4.74	4.38	4.66	4.66	4.44	4.55	22
23	4.57	0.89	2.88		3.69	5.28	4.81	4.47	4.66	4.60	4.45	4.49	23
24	4.57	1.19	2.95		3.76	5.29	4.70	4.56	4.66	4.56	4.49	4.47	24
25	4.57	1.14	2.84		3.83	5.16	4.52	4.65	4.66	4.50	4.52	4.46	25
26	4.32	1.08	2.79		3.89	5.03	4.45	4.70	4.65	4.46	4.51	4.46	26
27	3.85	1.15	2.82		3.94	4.94	4.44	4.75	4.63	4.45	4.38	4.46	27
28	3.73	1.42	2.70		3.99	4.90	4.54	4.79	4.59	4.45	4.19	4.47	28
29	3.68	1.61	2.78		4.10	4.85	4.37	4.85	4.60	4.45	4.07	4.49	29
30	3.70		2.88		4.36	4.78	4.04	4.92	4.62	4.45	4.05	4.51	30
31	3.73		2.87		4.33		3.88	4.97		4.43		4.55	31
-MONTHLY SUMMARY-													
MEAN	4.22		1.99			4.81	4.61		4.98		4.34		MEAN
INST	0.76		0.02			4.06	3.96		4.59		4.04		INST
MAX	(1)		(5)			(2)	(31)		(28)		(30)		MAX
INST	4.58		3.04			5.30	5.96		5.34		4.52		INST
MIN	(21)		(24)			(24)	(4)		(9)		(26)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 095  
TOWNSHIP OF DELAWARE

CONC. 02 LOT

WELL REC #: 4100477  
UTM CO-ORDS: Z-17 E466860 N4753940  
LAT & LONG: 42-55NORTH 81-25WEST

REC METHOD: STEEL TAPE  
REC COMM: MAY 16 1963  
MEASURE PT: 1.75 FEET ABOVE GROUND SURFACE  
GND ELEV: 706 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; DIRTY COARSE GRAVEL AND BOULDERS 09; SOFT GREY CLAY 26; GREY CLAY AND GRAVEL WITH HARD STREAKS OF GRAVEL 78; COARSE SAND AND GRAVEL SOME SILT 92; DARK SHALE 101.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 72 FEET  
LENGTH OF SCREEN: 20 FEET  
DEPTH OF WELL: 92 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
25/ 20.42											

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 098  
TOWNSHIP OF LORO

CONC. 1 LOT 4

WELL REC #: 4100806  
UTM CO-ORDS: Z-17 E466530 N4753440  
LAT & LONG: 42-55NORTH 81-28WEST

REC METHOD: STEEL TAPE  
REC COMM: MAY 16 1963  
MEASURE PT: 2.70 FEET ABOVE GROUND SURFACE  
GND ELEV: 690 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 04; BROWN SAND, FINE GRAVEL 09; GREY CLAY AND BOULDERS 20; SOFT SANDY GREY CLAY AND SOME STONES 65; COARSE GRAVEL, FINE SAND 77; HARD CLAY AND FINE GRAVEL 101; DARK GREY SHALE, SOME CLAY 109.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 62 FEET  
LENGTH OF SCREEN: 15 FEET  
DEPTH OF WELL: 77 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
25/ 4.60											

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 099  
TOWNSHIP OF LORO

CONC. 3 LOT 3

WELL REF #: 4105767  
UTM CO-ORD: Z-17 E463360 N475515A  
LAT & LONG: 42-55N04W 81-28-E3T

REC METHOD: STEEL TAPF  
REC COMMD: MAY 14 1963  
MEASURE PT: 1.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 792 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN (CLAY AND STONES) 12; SAND AND GRAVEL 15.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 15 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 15 FEET

PUMP RATE: N.A.  
SPFC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 10.06	05/ 8.42			02/ 7.75	01/ 8.01	03/ 8.56	05/ 8.78				
	06/ 9.82						25/ 8.59				

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 100  
TOWNSHIP OF LORO

CONC. 2 LOT 5

WELL REF #: 4106413  
UTM CO-ORD: Z-17 F464840 N475520C  
LAT & LONG: 42-55N04W 81-27WEST

REC METHOD: 1" TYPE RECORDER  
REC COMMD: MAY 16 1963  
MEASURE PT: 0.25 FEET ABOVE GROUND SURFACE  
GND ELEV: 892 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: BROWN SAND AND GRAVEL 22.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 22 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 22 FEET

PUMP RATE: N.A.  
SPFC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		15.26	13.91	12.77	12.61		12.92	13.25	13.46	13.76		14.23	1
2		15.26	13.88	12.75	12.62		12.91	13.29	13.48	13.78		14.22	2
3		15.26	13.81	12.74	12.64		12.93	13.32	13.50	13.80		14.22	3
4		15.27	13.71	12.72	12.67		12.95	13.35	13.52	13.82	14.10	14.22	4
5		15.28	13.53		12.65		12.98	13.36	13.54	13.84	14.10	14.23	5
6		15.28	13.21		12.63		13.01	13.37	13.57	13.84	14.11		6
7		15.29	12.99		12.48		13.02	13.38	13.59	13.84	14.12		7
8		15.29	12.97		12.36		13.04	13.27	13.60	13.84	14.13		8
9		15.29	12.97		12.24		13.05	13.10	13.59	13.85	14.12		9
10		15.29	12.96		12.19	12.65	13.03		13.57	13.87	14.13		10
11		15.29	13.02		12.17	12.68	13.02		13.60	13.88	14.15		11
12		15.28	13.00		12.15	12.71	13.06		13.62	13.90	14.16		12
13	15.43	15.27	12.98		12.16	12.74	13.09		13.64	13.91	14.16		13
14	15.42	15.25	12.96		12.17	12.77	13.11		13.65	13.92	14.17		14
15	15.41	15.23	12.96		12.19	12.80	13.13		13.66	13.93	14.18		15
16	15.41	15.16	12.93		12.17	12.82	13.14		13.68	13.95	14.19		16
17	15.41	15.04	12.92		12.17	12.85	13.16		13.56	13.97	14.19		17
18	15.42	14.88	12.90		12.19	12.88	13.19		13.54	13.98	14.19		18
19	15.43	14.71	12.89		12.20	12.90	13.21		13.55	13.99	14.20		19
20	15.43	14.52	12.87		12.21	12.91	13.23		13.58	13.98	14.22		20
21	15.43	14.40	12.87		12.23	12.93	13.25		13.61	13.98	14.23		21
22	15.43	14.28	12.88		12.24	12.96	13.27		13.63	13.99	14.24	14.31	22
23	15.43	14.15	12.86	12.80	12.26	12.99	13.29		13.66	14.00	14.25	14.31	23
24	15.42	14.06	12.84	12.80	12.28	12.99	13.28		13.68	14.01	14.26	14.32	24
25	15.41	14.04	12.84	12.71		12.90	13.28	13.30	13.68	14.02	14.26	14.32	25
26	15.39	14.02	12.83	12.63		12.93	13.30	13.32		14.03	14.26	14.32	26
27	15.33	13.98	12.82	12.62		12.96	13.31	13.34		14.04	14.27	14.32	27
28	15.29	13.94	12.82	12.61		12.98	13.33	13.36		14.04	14.27	14.34	28
29	15.28	13.92	12.80	12.61		12.98	13.29	13.38	13.72	14.05	14.27	14.35	29
30	15.27		12.79	12.61		12.97	13.21	13.41	13.74	14.06	14.27	14.36	30
31	15.27		12.79				13.22	13.42				14.37	31

-MONTHLY SUMMARY-

MEAN	14.81	13.05					13.14						MEAN
INST	13.92	12.76					12.89						INST
MAX	(29)	(30)					( 1)						MAX
INST	15.25	13.92					13.35						INST
MIN	( 7)	( 1)					(29)						MIN

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 107  
TOWNSHIP OF LORR

CONC. 2 LOT 6

WELL REC #: 4100989  
UTM CO-ORD: 7-17 E445180 N4755140  
LAT & LONG: 42-57NORTH 81-26WEST

REC METHOD: A35 RECORDER  
REC COMMD: JUN 19 1963  
MEASURE PT: 3.15 FEET ABOVE GROUND SURFACE  
GND ELEV: 805 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SANDY CLAY AND GRAVEL 7; SAND GRAVEL AND SMALL POULCERS 25; SANDY PLUF CLAY 48; PLUF CLAY AND GRAVEL 85; HARD SANDY CLAY AND GRAVEL 160.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 120 FEET  
LENGTH OF SCREEN: 10 FEET  
DEPTH OF WELL: 130 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			28.46	27.99	28.33	28.56	29.17	28.94	29.61	29.25	29.08	29.15	1
2			28.48	28.00	28.15	28.71	29.07	28.86	29.67	29.25	29.03	29.12	2
3			28.34	28.04	28.16	28.82	29.07	28.92	29.74	29.18	29.02		3
4			28.33	27.89	28.27	28.97	28.91	29.02	29.59	29.16	29.08		4
5			28.35	27.91	28.30	29.02	28.84	29.01	29.49	29.21	29.15		5
6			28.42	28.03	28.39	28.92	28.99	29.00	29.41	29.20	29.18		6
7			28.35	28.11	28.77	28.95	29.09	29.01	29.40	29.20	29.03		7
8			28.32	28.16	28.20	29.18	29.14	28.77	29.44	29.23	29.00		8
9			28.35	28.21	28.09	29.41	29.48	28.67	29.52	29.12	29.01		9
10			28.32	28.17	28.05	29.49	29.39	28.93	29.43	29.01	29.05		10
11			28.30	28.11	28.08	29.49	29.06	29.13	29.28	28.95	29.15		11
12			28.35	28.19	28.15	29.56	29.00	29.15	29.15	28.97	29.26		12
13			28.16	28.23	28.19	29.42	29.02	29.04	29.28	29.02	29.22		13
14			28.18	28.25	28.20	29.54	29.09	28.98	29.36	29.15	29.04		14
15			28.16	28.24	28.20	29.62	29.03	28.83	29.46	29.15	28.98		15
16			28.14	28.23	28.06	29.53	29.05	28.81	29.45	29.15	29.12		16
17			28.22	28.17	27.94	29.53	28.98	28.95	29.37	29.15	29.13		17
18			28.32	28.16	28.03	29.65	28.85	29.07	29.22	29.16	29.02		18
19			28.22	28.17	28.08	29.56	28.87	29.10	29.11	29.20	29.10		19
20			28.14	28.46	28.12	29.25	29.05	29.15	29.04	29.25	29.16		20
21			27.96	28.47	28.14	29.14	29.05	29.23	29.08	29.18	29.02		21
22			28.06	28.39	28.19	29.34	29.27	29.13	29.08	29.13	29.04		22
23			28.15	28.35	28.12	29.54	29.29	29.14	29.18	29.12	29.18		23
24			28.15	28.36	28.03	29.42	29.14	29.21	29.26	28.98	29.16		24
25			28.16	28.12	28.06	29.23	28.96	29.30	29.20	28.91	29.17		25
26			28.17	28.05	28.21	29.25	28.88	29.41	29.06	29.06	29.17		26
27			28.03	28.21	28.38	29.20	28.95	29.45	28.98	29.17	29.09		27
28		28.97	27.94	28.29	28.48	29.17	29.19	29.38	29.12	29.19	29.04		28
29			27.94	28.40	28.54	29.37	29.13	29.27	29.17	29.15	29.00		29
30			27.96	28.44	28.56	29.32	29.12	29.28	29.15	29.23	29.10		30
31			27.95		28.57	29.04	29.04	29.45		29.07			31
-MONTHLY SUMMARY-													
MEAN			28.21	28.19	28.21	29.27	29.07	29.08	29.31	29.14	29.09		MEAN
INST MAX			27.90 (29)	27.87 (4)	27.89 (17)	28.54 (1)	28.80 (5)	28.99 (9)	28.96 (27)	28.86 (25)	28.95 (15)		INST MAX
INST MIN			28.53 (2)	28.47 (21)	28.58 (31)	29.71 (18)	29.61 (10)	29.59 (31)	29.76 (3)	29.37 (20)	29.30 (12)		INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 221  
TOWNSHIP OF MOSA

RANGE 2

LOT 13

WELL REC #: 4106416  
UTM CO-ORD: 7-17 E446900 N4723040  
LAT & LONG: 42-40NORTH 81-43WEST

REC METHOD: STEEL TAPF  
REC COMMD: OCT. 31 1968  
MEASURE PT: 0.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 685 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN (BLUE CLAY AND QUICKSAND) 134.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 134 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 134 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: QUICKSAND  
QUALITY: N.A.

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
28/ 55.43											

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 029  
TOWNSHIP OF WESTMINSTER

GORP

LOT 48

WELL REF #: 4103521  
UTM CO-ORD: Z-17 E471660 N4753600  
LAT & LONG: 42-56NORTH 82-21WEST

REC METHOD: A35 RECORDER  
REC COMMCD: JAN 24 1952  
MEASURE PT: 3.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 805 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 4; GRAVEL AND FINE SAND 30; GRAVEL AND FINE SAND 61; BLUE CLAY AND GRAVEL 74; GRAVEL AND CLAY 50; BLUE CLAY 96; BEDROCK 56.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 96 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 96 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND & GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						4.43	4.27	5.12	5.31	5.52			1
2						4.44	4.27	5.12	5.31	5.53			2
3						4.46	4.27	5.12	5.32	5.53			3
4						4.48	4.28	5.12	5.33	5.55			4
5						4.51	4.29	5.13	5.35	5.56			5
6						4.53	4.30	5.14	5.36	5.58			6
7						4.54	4.31	5.15	5.38	5.58			7
8						4.55	4.31	5.16	5.40	5.58			8
9						4.57	4.31	5.16	5.41	5.59			9
10						4.58	4.32	5.15	5.42	5.59			10
11						4.60	4.33	5.15	5.42	5.60			11
12						4.61	4.33		5.42	5.60			12
13						4.63	4.34		5.42	5.61			13
14						4.64	4.35		5.43	5.61			14
15						4.66	4.36		5.44	5.61			15
16						4.67	4.37		5.46	5.62			16
17						4.69	5.01		5.46	5.64			17
18						4.71	5.02		5.46	5.65			18
19						4.72	5.03	5.20	5.46	5.66			19
20						4.75	5.03	5.21	5.46	5.67			20
21						4.76	5.04	5.22	5.46	5.67			21
22						4.78	5.06	5.23	5.46	5.67			22
23						4.90	5.08	5.24	5.46	5.67			23
24						4.81	5.08	5.26	5.46	5.67			24
25						4.82	5.08	5.27	5.46	5.67			25
26						4.82	5.09	5.29	5.46	5.67			26
27						4.83	5.10	5.29	5.46				27
28					4.39	4.84	5.12	5.30	5.47				28
29					4.40	4.85	5.12	5.30	5.46				29
30					4.41	4.86	5.12	5.30	5.51				30
31					4.42		5.12	5.31					31
MEAN						4.66	4.99		5.42				MEAN
INST MAX						4.42	4.86		5.30				INST MAX
						(1)	(1)		(1)				
INST MIN						4.86	5.12		5.52				INST MIN
						(30)	(30)		(30)				

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 071  
TOWNSHIP OF WESTMINSTER

NTR E

LOT 62

WELL REF #: 4125766  
UTM CO-ORD: Z-17 E478438 N4747840  
LAT & LONG: 42-53NORTH 81-16WEST

REC METHOD: A35 RECORDER  
REC COMMCD: OCT 16 1958  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 862 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: CLAY 45.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 45 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 45 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.43	5.25	2.46	2.44	3.94	5.45	6.57	7.85	8.29	8.62	8.93	9.00	1
2	5.39	5.25	2.53	2.24	4.01	5.51	7.00	7.90	8.30	8.63	8.94	9.01	2
3	5.37	5.25	2.34	2.18	4.08	5.58	7.04	7.91	8.31	8.64	8.95	9.01	3
4	5.35	5.24	1.83	2.20	4.16	5.65	7.07	7.94	8.32	8.65	8.96	9.02	4
5	5.35	5.24	1.17	2.25	4.25	5.72	7.11	7.97	8.34	8.66	8.97	9.02	5
6	5.35	5.24	1.11	2.34	4.29	5.78	7.15	7.98	8.35	8.68	8.98	9.03	6
7	5.35	5.24	1.31	2.45	3.78	5.83	7.19	8.00	8.27	8.69	8.99	9.03	7
8	5.36	5.24	1.54	2.58	3.66	5.90	7.23	8.01	8.38	8.69	9.00	9.02	8
9	5.38	5.24	1.76	2.72	3.65	5.96	7.26	8.01	8.35	8.69	9.01	9.02	9
10	5.41	5.22	1.95	2.83	3.69	6.01	7.29	8.02	8.40	8.70	9.01	9.03	10
11	5.43	5.06	2.11	2.96	3.76	6.06	7.32	8.03	8.41	8.71	9.02	9.03	11
12	5.44	5.01	2.24	3.11	3.83	6.12	7.35	8.04	8.42	8.71	9.02	9.03	12
13	5.47	4.75	2.15	3.24	3.90	6.18	7.38	8.06	8.44	8.73	9.03	9.03	13
14	5.50	4.48	2.08	3.35	3.99	6.23	7.41	8.07	8.46	8.74	9.04	9.03	14
15	5.52	4.15	2.07	3.46	4.08	6.29	7.45	8.08	8.47	8.74	9.04	9.03	15
16	5.55	3.45	2.10	3.56	4.16	6.33	7.47	8.09	8.48	8.75	9.05	9.03	16
17	5.56	2.96	2.15	3.67	4.26	6.38	7.50	8.11	8.50	8.76	9.06	9.03	17
18	5.57	2.70	2.32	3.77	4.34	6.43	7.54	8.13	8.50	8.78	9.06	9.03	18
19	5.59	2.40	2.42	3.87	4.43	6.48	7.57	8.13	8.50	8.79	9.06	9.02	19
20	5.60	2.31	2.52	3.96	4.52	6.53	7.60	8.14	8.50	8.80	9.07	9.04	20
21	5.62	2.16	2.60	4.06	4.60	6.58	7.63	8.16	8.51	8.80	9.07	9.03	21
22	5.66	1.83	2.65	4.15	4.69	6.62	7.66	8.17	8.52	8.81	9.08	9.01	22
23	5.67	1.86	2.75	4.25	4.78	6.68	7.69	8.18	8.53	8.82	9.08	9.00	23
24	5.69	1.95	2.87	4.33	4.86	6.73	7.71	8.19	8.54	8.84	9.08	9.00	24
25	5.70	2.08	2.92	4.40	4.95	6.76	7.73	8.20	8.55	8.85	9.09	9.00	25
26	5.50	2.10	2.90	3.85	5.03	6.79	7.76	8.21	8.56	8.86	9.10	9.00	26
27	5.35	2.15	2.90	3.81	5.11	6.83	7.78	8.23	8.57	8.87	9.04	9.00	27
28	5.29	2.24	2.81	3.80	5.18	6.86	7.81	8.24	8.58	8.89	9.00	9.00	28
29	5.28	2.35	2.75	3.83	5.24	6.91	7.83	8.25	8.59	8.90	9.00	9.00	29
30	5.27		2.75	3.87	5.31	6.94	7.85	8.26	8.61	8.91	9.00	9.00	30
31	5.26		2.75		5.38		7.87	8.28		8.92		9.00	31
MEAN	5.46	3.74	2.25	3.31	4.38	6.27	7.46	8.09	8.46	8.76	9.02	9.07	MEAN
INST MAX	5.25	1.81	1.00	2.18	3.65	5.42	6.56	7.87	8.28	8.61	9.02	9.06	INST MAX
	(31)	(23)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(31)	
INST MIN	5.71	5.25	2.52	4.37	5.42	6.96	7.87	8.28	8.61	8.92	9.10	9.03	INST MIN
	(26)	(1)	(25)	(25)	(31)	(30)	(31)	(31)	(30)	(31)	(25)	(11)	

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 091

TOWNSHIP OF WESTMINSTER

CONC. 8

LOT 1

WELL REF #: 4103830  
UTM CO-ORD: Z-17 F484160 N4745410  
LAT & LONG: 42-52NORTH R1-12WEST

REC METHOD: A35 RECORDER  
REC COMMCD: APR. 14 1961  
MEASURE PT: 3.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 865 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG:

DIAMETER OF WELL: 10 INCHES  
LENGTH OF CASING: 197 FEET  
LENGTH OF SCREEN: 35 FEET  
DEPTH OF WELL: 232 FEET

PUMP RATE: 16 GPM  
SPEC. CAP: 1.05 L/GPM/FT  
AQUIFER: CLAY, SAND, GRAVEL  
QUALITY: FRESH

TOPSOIL 0-5; BROWN CLAY 10; GREY CLAY WITH SILT 61; FINE SAND AND CLAY 64; SANDY CLAY, SOME GRAVEL 121; HARD  
PACKED CLAY, SAND AND GRAVEL 126; CLAY, SAND AND GRAVEL 142; GRAVEL, SAND AND CLAY 182; CLAY, GRAVEL AND SAND  
193; HARD PACKED CLAY, SAND, GRAVEL AND OLD BOULDER 198; GRAVEL, SAND AND SILT 227; GRAVEL, SAND, SILT AND CLAY  
228; CLAY, DIRTY SAND, GRAVEL AND SILT 232.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	69.62	69.14	69.40	68.89			68.34	68.43	68.54	68.23	68.21	68.06	1
2	69.62	69.17	69.31	68.96			68.46	68.53	68.60	68.26	68.25	68.02	2
3	69.50	69.25	69.21	69.04		68.83	68.53	68.64	68.59	68.25	68.11	68.16	3
4	69.56	69.39	69.18	69.01		68.93	68.55	68.66	68.47	68.32	68.06	68.13	4
5	69.75	69.56	69.06	69.01		69.03	68.59	68.55	68.48	68.34	68.07	68.26	5
6	69.74	69.50	69.18	69.02		69.02	68.60	68.56	68.56	68.24	68.03	68.24	6
7	69.60	69.35	69.20	69.09		68.92	68.58	68.56	68.62	68.25	68.04	68.01	7
8	69.59	69.21	69.29	69.18		68.85	68.55	68.51	68.60	68.31	68.07	68.06	8
9	69.62	69.35	69.24	69.24		68.82	68.64	68.53	68.56	68.19	68.01	68.17	9
10	69.71	69.22	69.17	69.14		68.79	68.58	68.58	68.37	68.17	67.88	68.14	10
11	69.54	69.23	69.31	69.17		68.69	68.47	68.63	68.31	68.30	67.98	68.17	11
12	69.56	69.33	69.18	69.27		68.74	68.42	68.57	68.35	68.35	68.11	68.07	12
13	69.44	69.16	69.04	69.21		68.79	68.42	68.48	68.53	68.19	68.18	68.12	13
14	69.42	69.42	69.15	69.15		68.75	68.42	68.46	68.55	68.11	68.18	68.12	14
15	69.54	69.42	69.22	69.05		68.70	68.38	68.47	68.53	68.03	68.14	68.00	15
16	69.37	69.36	69.06	69.10		68.55	68.37	68.54	68.52	68.14	68.14	67.88	16
17	69.49	69.25	69.05	69.15		68.67	68.43	68.62	68.46	68.27	68.12	67.78	17
18	69.68	69.17	69.10	69.17		68.74	68.52	68.66	68.33	68.37	67.93	67.94	18
19	69.69	69.14	69.00	69.13		68.66	68.64	68.71	68.33	68.41	67.86	67.92	19
20	69.56	69.35	68.93	69.08		68.67	68.62	68.71	68.21	68.26	67.88	67.71	20
21	69.44	69.30	68.64	68.89		68.68	68.57	68.71	68.13	68.10	67.85	67.72	21
22	69.41	69.25	69.24	68.86		68.71	68.65	68.64	68.13	68.09	67.84	67.81	22
23	69.42	69.41	69.30	68.96		68.76	68.62	68.61	68.17	68.24	67.96	67.71	23
24	69.33	69.41	69.20	68.88		68.70	68.57	68.67	68.33	68.23	68.01	67.85	24
25	69.44	69.40	69.10	68.68		68.54	68.63	68.68	68.35	68.15	67.96	67.80	25
26	69.37	69.38	69.05	68.81		68.65	68.60	68.64	68.25	68.21	67.85	67.69	26
27	69.51	69.38	68.95			68.70	68.52	68.58	68.18	68.33	67.77	67.65	27
28	69.44	69.35	69.16			68.68	68.51	68.53	68.24	68.40	67.90	67.53	28
29	69.30	69.30	69.15			68.59	68.37	68.56	68.26	68.32	67.91	67.51	29
30	69.30		69.02			68.44	68.39	68.64	68.21	68.27	67.99	67.63	30
31	69.33		68.58				68.39	68.63		68.14		67.64	31

-MONTHLY SUMMARY-

MEAN	69.51	69.32	69.14			68.51	68.59	68.35	68.24	68.01	67.92	MEAN
INST MAX	69.25 (29)	69.05 (18)	68.82 (21)			68.29 (1)	68.40 (1)	68.08 (22)	67.95 (15)	67.72 (27)	67.49 (29)	INST MAX
INST MIN	69.78 (6)	69.67 (14)	69.41 (1)			68.68 (19)	68.73 (19)	68.63 (7)	68.43 (18)	68.27 (1)	68.34 (6)	INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
MIDDLESEX COUNTY

OBSERVATION WELL 513

TOWNSHIP OF WESTMINSTER

CONC. 5

LOT 22

WELL REF #: 4103738  
UTM CO-ORD: Z-17 F479040 N4748890  
LAT & LONG: 42-54NORTH R1-15WEST

REC METHOD: A35 RECORDER  
REC COMMCD: AUG 9 1959  
MEASURE PT: 5.4 FEET ABOVE GROUND SURFACE  
GND ELEV: 845 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG:

DIAMETER OF WELL: 10 INCHES  
LENGTH OF CASING: 102 FEET  
LENGTH OF SCREEN: 10 FEET  
DEPTH OF WELL: 122 FEET

PUMP RATE: 700 GPM  
SPEC. CAP: 17.9 L/GPM/FT  
AQUIFER: GRAVEL  
QUALITY: FRESH

TOPSOIL 1; FINE SAND 8; BLUE CLAY 48; CLAY AND GRAVEL 80; BLUE CLAY AND GRAVEL 94; CLAY AND GRAVEL 99; GRAVEL  
AND MIXED SAND 103; CLAY AND GRAVEL 104; GRAVEL AND MIXED SAND 118; FINE SAND 125; MIXED SAND AND SILT, CLAY 129  
GRAVEL AND FINE SAND 139; GRAVEL 144.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							37.94	37.83	37.71	37.58	37.56	37.41	1
2							38.01	37.89	37.75	37.58	37.44	37.51	2
3						38.24	38.02	37.91	37.67	37.60	37.44	37.47	3
4						38.27	38.02	37.84	37.65	37.61	37.45	37.40	4
5						38.28	38.01	37.76	37.72	37.53	37.44	37.40	5
6							37.57	37.82	37.75	37.57	37.43	37.34	6
7							37.93	37.79	37.72	37.63	37.47	37.41	7
8							37.95	37.78	37.71	37.53	37.43	37.46	8
9							37.98	37.80	37.62	37.51	37.31	37.44	9
10							37.88	37.82	37.62	37.62	37.44	37.44	10
11						38.06	37.84	37.78	37.66	37.64	37.51	37.38	11
12							37.87	37.73	37.72	37.51	37.51	37.38	12
13							37.87	37.70	37.76	37.47	37.50	37.46	13
14							37.85	37.71	37.72	37.46	37.47	37.30	14
15						38.06	37.85	37.73	37.71	37.53	37.48	37.31	15
16						38.04	37.86	37.78	37.69	37.62	37.49	37.23	16
17						38.16	37.89	37.80	37.62	37.66	37.32	37.35	17
18						38.10	37.94	37.80	37.61	37.67	37.34	37.40	18
19						38.06	37.95	37.80	37.55	37.57	37.39	37.22	19
20						38.09	37.90	37.77	37.51	37.48	37.36	37.22	20
21						38.07	37.90	37.73	37.53	37.50	37.34	37.38	21
22						38.09	37.92	37.70	37.58	37.60	37.45	37.27	22
23						38.09	37.88	37.73	37.68	37.57	37.47	37.34	23
24						37.98	37.87	37.76	37.68	37.50	37.43	37.33	24
25						37.94	37.90	37.73	37.63	37.53	37.35	37.26	25
26						38.07	37.83	37.70	37.52	37.63	37.31	37.21	26
27						38.06	37.81	37.69	37.55	37.65	37.46	37.18	27
28						38.00	37.79	37.70	37.61	37.56	37.44	37.16	28
29						37.95	37.75	37.76	37.54	37.53	37.46	37.25	29
30						37.88	37.79	37.76	37.55	37.45	37.48	37.29	30
31							37.77	37.70		37.57		37.27	31

-MONTHLY SUMMARY-

MEAN						37.89		37.77	37.65	37.56	37.43	37.34	MEAN
INST MAX							37.73 (28)	37.65 (27)	37.45 (19)	37.35 (20)	37.26 (26)	37.12 (19)	INST MAX
INST MIN							38.02 (5)	37.91 (3)	37.77 (6)	37.68 (17)	37.59 (1)	37.53 (3)	INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

CONSERVATION WELL 102  
TOWNSHIP OF E. ZORRA

CONC. 12 LOT 4

WELL REC #: 4701426  
UTM CO-ORD: Z-17 E519140 N4777235  
LAT & LONG: 43-09NORTH 80-46WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JUN 28 1962  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 925 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SILT AND FINE SAND 18; GREY LIMESTONE 52.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 23 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 52 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			0.94	0.16	0.59	1.12	2.43		3.21	3.66			1
2			0.90	0.16	0.61	1.15	2.43		3.23	3.67	3.80		2
3		3.35	0.87	0.18	0.62	1.20	2.45		3.26	3.65	3.81		3
4		3.35	0.81	0.20	0.65	1.25	2.47	2.82	3.28	3.70	3.82		4
5		3.36	0.62	0.22	0.69	1.30	2.49	2.85	3.30	3.72	3.82		5
6	3.49	3.37	0.40	0.24	0.66	1.35	2.52	2.88	3.33	3.73	3.83		6
7	3.48	3.37	0.39	0.27	0.37	1.40	2.55	2.91	3.36	3.74	3.83		7
8	3.49	3.36	0.36	0.30	0.36	1.46	2.58	2.93	3.39	3.74			8
9	3.49	3.36	0.33	0.33	0.37	1.51	2.61	2.95	3.42	3.74			9
10	3.50	3.36	0.28	0.37	0.38	1.58	2.64	2.97	3.44	3.75			10
11	3.50	3.32	0.25	0.40	0.38	1.63	2.67	2.99	3.46				11
12	3.50	3.27	0.24	0.43	0.37	1.69	2.70	3.02	3.49				12
13	3.50	3.22	0.18	0.46	0.39	1.75	2.73	3.04	3.52				13
14	3.51	3.13	0.11	0.50	0.41	1.81	2.76		3.54				14
15	3.52	3.03	0.12	0.53	0.42	1.87	2.77		3.56				15
16	3.53	2.91	0.12	0.56	0.44	1.92	2.76		3.58				16
17		2.55	0.12	0.59	0.46	1.97	2.76		3.60				17
18		2.36	0.12	0.62	0.49	2.01	2.78		3.60				18
19		2.12	0.14	0.66	0.52	2.05	2.81		3.56				19
20		2.01	0.15	0.69	0.56	2.09	2.81	2.81	3.55				20
21		1.94	0.13	0.73	0.60	2.13	2.69	2.84	3.55				21
22		1.57	0.15	0.75	0.65	2.17	2.66	2.87	3.56				22
23		1.54		0.77	0.70	2.21	2.66	2.91	3.57				23
24		1.48		0.80	0.76	2.26	2.66	2.95	3.59				24
25		1.31	0.15	0.72	0.81	2.28	2.66	2.95	3.60				25
26		1.15	0.14	0.49	0.86	2.30	2.68	3.02	3.62				26
27		1.08	0.13	0.53	0.90	2.33	2.71	3.06	3.63				27
28		1.01	0.14	0.57	0.94	2.36	2.73	3.05	3.63				28
29		0.97	0.16	0.57	0.99	2.40	2.75	3.12	3.64				29
30			0.17	0.58	1.03	2.42	2.76	3.15	3.65				30
31			0.17		1.08			3.18					31
-MONTHLY SUMMARY-													
MEAN				0.48	0.61	1.83			3.49				MEAN
INST MAX				0.15	0.35	1.10			3.20				INST MAX
				(1)	(7)	(1)			(1)				
INST MIN				0.81	1.10	2.43			3.66				INST MIN
				(24)	(31)	(30)			(30)				

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 104  
TOWNSHIP OF E. ZORRA

CONC. 12 LOT 4

WELL REC #: 4701427  
UTM CO-ORD: Z-17 E519140 N4777230  
LAT & LONG: 43-09NORTH 80-46WEST

REC METHOD: STEEL TAPE  
REC COMMCD: JUN, 28 1962  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 925 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN FINE SAND AND SILT 10; ROCK 20.3.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 20.3 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: ROCK  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
05/ 3.60		01/ 1.20	01/ 0.40	03/ 1.20			03/ 3.40	01/ 3.80	01/ 4.00	01/ 1.00	01/ 3.80

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 105  
TOWNSHIP OF E. ZORRA

CONC. 12 LOT 3

WELL REC #: 4701409  
UTM CO-ORD: Z-17 E518875 N4776775  
LAT & LONG: 43-09NORTH 80-45WEST

REC METHOD: STEEL TAPE  
REC COMMCD: JUN, 11 1965  
MEASURE PT: 2.3 FEET ABOVE GROUND SURFACE  
GND ELEV: 915 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: LOAM 04; FINE BROWN SAND 28; GREY CLAY 45; GRAVELLY HARDPAN 46; GRAVEL 47; COARSE GRAVELLY HARDPAN 51; GREY LIMESTONE 64.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 58 FEET  
LENGTH OF SCREEN: 6 FEET  
DEPTH OF WELL: 64 FEET

PUMP RATE: 40 GPM  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: SULPHUR

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		01/ -2.30	01/ -2.30	03/ -2.30			03/ -2.30	01/ -2.30	01/ 0.20	01/ 0.40	
				21/ -0.10							



ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 166  
TOWNSHIP OF F. ZORRA

CONC. 12 LOT 3

WELL REC #1 470140R  
UTM CO-ORD: Z=17 E518875 N4776775  
LAT & LONG: 43-09NORTH 80-45WEST

REC METHOD: ATM GAUGE  
REC COMMO: JUN. 11 1965  
MEASURE PT: 4.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 915 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: LOAM 04; FINE BROWN SAND 28; GREY CLAY 45; GRAVELLY HARDPAN 46.5; GRAVEL 47; COARSE GRAVELLEY HARDPAN 51; GREY LIMESTONE 85.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 74 FEET  
LENGTH OF SCREEN: 9 FEET  
DEPTH OF WELL: 85 FEET

PUMP RATE: 40 IGPM  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: 1 SULPHUR

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	02/-31.05	01/-19.55	01/-21.85	03/-20.70 21/-20.70			03/-18.40	01/-18.40	01/-18.40	01/-17.25	01/-17.25

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 176  
TOWNSHIP OF S. NORWICH

CONC. 9 LOT 2

WELL REC #1 4702077  
UTM CO-ORD: Z=17 E524100 N4750750  
LAT & LONG: 42-55NORTH 80-42WEST

REC METHOD: STEEL TAPF  
REC COMMO: MAR. 16 1966  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 450 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK LOAM 1; BROWN SAND 9; RUNNING SAND 32.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 30 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 32 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: RUNNING SAND  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					21/ 0.96						

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 177  
TOWNSHIP OF S. NORWICH

CONC. 9 LOT 2

WELL REC #1 4702076  
UTM CO-ORD: Z=17 E524100 N4750750  
LAT & LONG: 42-55NORTH 80-42WEST

REC METHOD: A35 RECORDER  
REC COMMO: MAY 26 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 450 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK LOAM 1; FINE BROWN SAND 10; FINE QUICK SAND 38; GREY CLAY 52; GRAVEL LAYER 53; CLAY WITH GRAVEL 60; GRAVEL 61; SAND 65; QUICK SAND 76; CLAY AND SILT 88; HARD CLAY WITH STONES 112; LIMESTONE BEDROCK 123.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 110 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 123 FEET

PUMP RATE: 17 IGPM  
SPEC. CAP: 17.0 IGPM/FT  
AQUIFER: LIMESTONE  
QUALITY: 1 SULPHUR

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						45.20	45.80	46.06	46.48	46.81	47.03		1
2						45.22	45.80	46.08	46.45	46.83	47.04		2
3						45.24	45.81	46.10	46.50	46.83	47.05		3
4						45.28	45.82	46.12	46.53	46.85	47.04		4
5						45.31	45.82	46.13	46.54	46.86	47.05		5
6						45.32	45.83	46.13	46.56	46.87	47.06		6
7						45.33	45.83	46.14	46.55	46.87	47.09		7
8						45.35	45.83	46.15	46.61	46.88	47.16		8
9						45.37	45.84	46.15	46.62	46.90	47.25		9
10						45.38	45.84	46.17	46.63	46.91	47.37		10
11						45.39	45.85	46.18	46.63	46.93	47.47		11
12						45.41	45.85	46.19	46.64	46.93	47.56		12
13						45.42	45.85	46.19	46.66	46.93	47.65		13
14						45.47	45.86	46.20	46.68	46.93	47.71		14
15						45.55	45.86	46.21	46.65	46.93			15
16						45.61	45.86	46.22	46.70	46.94			16
17						45.66	45.87	46.24	46.72	46.95			17
18						45.68	45.89	46.28	46.72	46.95			18
19						45.70	45.91	46.30	46.73	46.98			19
20						45.71	45.92	46.31	46.72	46.95			20
21						45.72	45.92	46.31	46.73	46.98			21
22					45.01	45.73	45.94	46.31	46.74	46.98			22
23					45.04	45.74	45.96	46.32	46.77	46.98			23
24					45.06	45.75	45.98	46.34	46.77	47.00			24
25					45.07	45.76	45.99	46.36	46.75	47.03			25
26					45.09	45.78	46.00	46.35	46.80	47.00			26
27					45.12	45.75	46.01	46.39	46.80	47.00			27
28					45.14	45.79	46.02	46.40	46.79	47.01			28
29					45.15	45.79	46.03	46.43	46.80	47.02			29
30					45.17	45.80	46.04	46.45	46.81	47.03			30
31					45.19		46.06	46.47		47.03			31

-MONTHLY SUMMARY-

MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
						45.54	45.50	46.25	46.67	46.94			
INST MAX						45.19	45.79	46.06	46.47	46.80			INST MAX
						( 1 )	( 1 )	( 1 )	( 1 )	( 1 )			
INST MIN						45.80	46.06	46.47	46.81	47.04			INST MIN
						(30)	(31)	(31)	(30)	(30)			

ENVIRONMENT ONTARIO  
TORONTO  
OXFORD COUNTY

OBSERVATION WELL 013

TOWNSHIP OF W. OXFORD

CONC. 3 LOT 2

WELL REC #: 4703374  
UTM CO-ORDS: Z-17 E520380 N4769520  
LAT & LONG: 43-07NORTH 80-45WEST

REC METHOD: STEEL TAPE  
REC COMCD: JUL. 05 1946  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 966 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN ( MOSTLY SAND AND GRAVEL ) 75.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 75 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 75 FEET

PUMP RATE: FLOWING  
SPEC. CAP: N.A.  
AQUIFER: OVERBURDEN  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
05/ 3.90		01/ 2.50	01/ 40.90	03/ 1.80	01/ 2.20		03/ 1.40	01/ 2.50	01/ 2.40	01/ 5.20	01/ 2.20

ENVIRONMENT ONTARIO  
TORONTO  
PERTH COUNTY

OBSERVATION WELL 045

TOWNSHIP OF BLANSHARD

WB

LOT 11

WELL REC #: 5001877  
UTM CO-ORDS: Z-17 E474275 N4795450  
LAT & LONG: 43-19NORTH 81-18WEST

REC METHOD: A35 RECORDER  
REC COMCD: MAY 26 1970  
MEASURE PT: 1.1 FEET ABOVE GROUND SURFACE  
GND ELEV: 1175 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SAND AND CLAY FILL 2; SAND, GRAVEL 6; COARSE GRAVEL AND SMALL STONES 35; COARSE SAND, YELLOWISH CLAY 36.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 32 FEET  
LENGTH OF SCREEN: 4 FEET  
DEPTH OF WELL: 36 FEET

PUMP RATE: 15 GPM  
SPEC. CAP: N.A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						4.64	5.21	6.05	7.15	7.98			1
2						4.66	5.41	6.18	7.26	8.01			2
3						4.71	5.50	6.28	7.34	8.04			3
4						4.78	5.58	6.37	7.41	8.08			4
5						4.83	5.65	6.43	7.47	8.05			5
6						4.90	5.72	6.45	7.52	8.11			6
7						4.94	5.79	6.54	7.58	8.11			7
8						4.99	5.85	6.55	7.61	8.14			8
9						5.04	5.92	6.65	7.63	8.16			9
10						5.09	5.95	6.72	7.65	8.21			10
11						5.13	5.95	6.78	7.70	8.24			11
12						5.15	5.97	6.75	7.74	8.26			12
13						5.19	6.04	6.25	7.78	8.28			13
14						5.24	5.85	5.52	7.82	8.31			14
15						5.27	5.71	5.54	7.85	8.35			15
16						5.30	5.78	5.72	7.78	8.38			16
17						5.32	5.93	5.92	7.64	8.40			17
18						5.34	6.04	6.08	7.61	8.41			18
19						5.35	6.14	6.22	7.62	8.35			19
20						5.38	5.44	6.35	7.65	8.37			20
21						5.43	5.24	6.46	7.68	8.37			21
22					4.31	5.47	5.44	6.54	7.68	8.37			22
23					4.35	5.50	5.39	6.61	7.70	8.37			23
24					4.39	5.51	5.40	6.68	7.72	8.37			24
25					4.42	5.52	5.56	6.74	7.75				25
26					4.46	5.57	5.71	6.81	7.77		8.17		26
27					4.52	5.62	5.84	6.87	7.80		6.64		27
28					4.56	5.65	5.88	6.93	7.84		6.12		28
29					4.59	5.67	5.84	6.99	7.85		6.27		29
30					4.64	5.44	5.87	7.06	7.92				30
31					4.65		5.98	7.12					31
-MONTHLY SUMMARY-													
MEAN						5.22	5.73	6.46	7.65				MEAN
INST MAX						4.64	5.19	5.46	7.15				INST MAX
						( 1 )	(21)	(14)	( 1 )				
INST MIN						5.68	6.17	7.15	7.94				INST MIN
						(29)	(19)	(21)	(20)				

ENVIRONMENT ONTARIO  
TORONTO  
PERTH COUNTY

CONSERVATION WELL 182

TOWN OF STRATFORD

CONC. -

LOT -

WELL REF #: 5001349  
UTM CO-ORD: 7-17 FSC3000 N4R02260  
LAT & LONG: 43-23NCRTH 80-58WEST

REC METHOD: A35 RECORDER  
REC COMMD: SFP 15 1566  
MEASURE PT: 1.5 FEET ABOVE GROUND SURFACE  
GNC ELEV: 1000 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 2; SAND AND GRAVEL 6; YELLOW CLAY 15; YELLOW CLAY AND BOULCERS 25; GREY MARL 103; CEMENTED GRAVEL

DIAMETER OF WELL: 14 INCHES  
LENGTH OF CASING: 126 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 440 FEET

PUMP RATE: 520 IGPM  
SPEC. CAP: 10.8 IGPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

115; COARSE GRAVEL 120; CEMENTED GRAVEL 127; BROWN LIMESTONE 345; BROWN LIMESTONE 415; SOFT WHITE LIMESTONE 435;  
GREY SHALE 440.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.64	57.88	57.76	57.50	55.00	59.49	60.96	52.42	64.17	64.35	59.02	61.65	1
2	51.85	58.35	58.72	57.73	51.72	60.46	61.18	49.99	64.63	61.28	61.31	62.08	2
3	52.54	58.67	58.35	56.23	54.18	60.94	58.63	57.51	64.84	62.02	62.18	62.70	3
4	49.51	59.39	55.17	49.23	56.59	61.59	59.77	59.07	63.50	62.01	62.40	60.52	4
5	53.88	59.73	58.24	55.68	57.37	59.37	59.95	59.85	62.33	62.42	62.94	61.27	5
6	56.01	60.45	51.32	57.01	57.83	60.74	60.84	60.94	56.03	64.21	60.82	60.43	6
7	56.90	58.08	50.07	57.57	57.98	61.18	61.64	58.72	59.52	63.68	61.37	61.03	7
8	58.00	57.08	55.26	57.96	55.96	63.19	61.79	55.62	63.42	64.23	61.24	61.67	8
9	59.23	58.53	58.05	56.58	57.29	64.30	62.34	59.72	65.21	61.05	61.60	62.22	9
10	56.58	59.00	58.62	55.60	57.52	65.86	60.04	60.64	64.71	57.26	62.05	62.61	10
11	57.52	59.94	59.00	49.16	58.35	65.35	61.01	61.95	61.62	53.45	62.05	60.92	11
12	57.19	60.25	58.71	55.63	58.71	64.09	61.65	62.88	62.57	58.83	62.40	60.83	12
13	58.03	60.20	56.55	57.38	59.42	63.53	61.27	62.87	62.53	61.68	60.35	61.22	13
14	58.60	58.68	57.72	57.30	59.02	65.64	61.54	60.63	64.21	62.08	60.88	61.54	14
15	58.85	59.44	58.60	57.22	56.85	67.64	61.60	61.01	63.95	62.81	61.08	62.11	15
16	59.21	59.68	58.66	51.27	57.42	65.91	61.76	61.30	64.01	61.09	62.02	62.44	16
17	57.75	59.32	55.17	53.25	57.43	65.75	59.58	63.44	63.95	61.63	62.67	62.55	17
18	58.01	59.86	55.62	49.45	57.30	65.61	60.15	63.13	62.64	61.58	63.44	59.89	18
19	57.99	60.00	58.84	53.55	57.53	63.74	60.29	64.42	57.04	62.84	62.74	55.92	19
20	58.32	60.64	57.07	56.05	57.79	62.79	59.97	64.97	59.86	62.88	60.17	57.93	20
21	58.56	59.76	57.21	56.37	58.77	61.97	60.45	62.23	63.00	63.13	61.28	59.91	21
22	58.88	59.08	53.77	56.74	57.59	63.45	60.15	56.76	63.64	63.45	60.94	60.81	22
23	58.92	58.00	57.51	57.20	59.04	64.93	60.76	60.78	64.63	61.11	62.12	59.94	23
24	56.99	58.25	57.45	55.55	50.80	64.79	59.10	64.45	64.45	57.74	62.51	57.14	24
25	58.52	58.72	57.71	51.06	55.99	64.83	59.29	64.73	61.60	55.86	62.82	56.29	25
26	58.76	58.75	57.34	54.40	58.71	61.50	58.98	65.02	62.08	62.45	63.18	51.24	26
27	58.87	58.47	56.45	56.41	59.45	62.10	59.71	64.82	62.24	62.80	62.45	49.78	27
28	59.24	57.46	50.26	56.83	60.11	62.94	59.61	62.19	63.01	62.90	55.89	53.52	28
29	59.47	52.33	55.54	57.04	57.66	63.22	59.75	62.93	63.75	63.39	57.95	54.61	29
30	59.78		56.82	57.61	58.93	63.56	59.38	62.75	64.01	63.05	61.63	54.47	30
31	57.62		57.15		59.00		57.66	63.45		56.25		49.31	31
-MONTHLY SUMMARY-													
MEAN	57.14	58.75	57.03	55.38	57.33	63.35	60.35	61.14	62.78	61.55	61.45	58.99	MEAN
INST	47.43	50.14	47.17	47.47	47.85	53.15	52.00	49.74	53.48	52.62	52.71	48.48	INST
MAX	( 4)	(29)	(22)	(19)	( 3)	( 1)	(31)	( 2)	(20)	(12)	( 1)	(28)	MAX
INST	61.60	62.25	60.78	59.56	61.50	69.98	63.88	65.65	65.60	65.25	64.29	63.92	INST
MIN	(30)	(13)	( 5)	(23)	(28)	(15)	( 1)	(27)	( 9)	( 1)	(18)	( 4)	MIN

# West Central Region



Ministry  
of the  
Environment

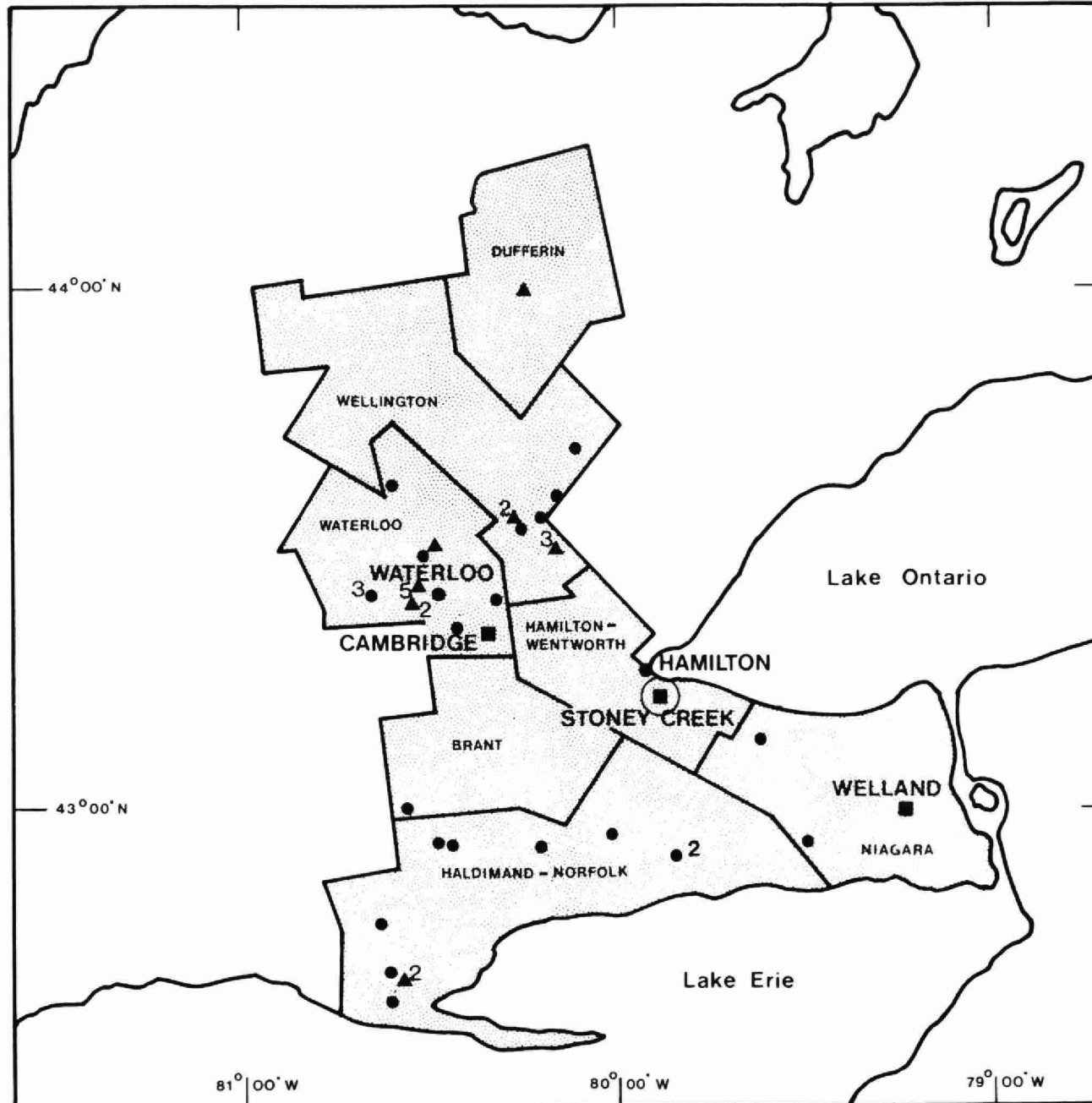
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Ontario

## OBSERVATION WELL DATA

REGIONAL OFFICE  
STONEY CREEK  
140 Centennial Pkwy. N.  
416-561-7410

DISTRICT OFFICES  
Welland  
637-641 Niagara St. N.  
416-735-0431  
Cambridge  
400 Clyde Road  
P.O. Box 219  
519-623-2080



### LEGEND

- Regional Office ◻
- District Office ■
- Recording Observation Well ●
- Number of Recording Wells in same location ●<sup>2</sup>
- Manually Measured Well ▲
- Number of Manually Measured Wells in same location ▲<sup>2</sup>

OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO  
TORONTO  
HARVEY COUNTY

OBSERVATION WELL 173  
TOWNSHIP OF BIRFORD

CONC. A

LOT 19

WELL REC #1 1500721  
UTM CO-ORD: Z-17 E540025 N4761350  
LAT & LONG: 43-20NORTH 80-31WEST

REC METHOD: 335 WPCORNER  
REC COMMD: JAN 15 1966  
MEASURE PT: 2.5 FEET ABOVE GROUND SURFACE  
GND FLEV: 432 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK TOPSOIL 1; YELLOW SAND 3; GREY QUICK SAND 13.5; FINE GRAVEL 20; COARSE QUICKSAND AND FINE GRAVEL 27; FINE TO COARSE GRAVEL 32.5.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 30.5-FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 30.5 FEET

PUMP RATE: N.A.  
SPFC, CAP: N.A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							2.02	2.06	3.74	3.40	2.96		1
2							2.14	2.17	3.75	3.47	2.99		2
3							2.24	2.27	3.80	3.52	3.02		3
4							2.32	2.39	3.86	3.56	3.06		4
5							2.45	2.46	3.95	3.61	3.08		5
6							2.59	2.46	3.98	3.59	3.09		6
7							2.71	2.46	4.05	3.31			7
8							2.71	2.15	4.13	3.34	3.11		8
9							2.85	2.13	4.17	3.32			9
10							2.72	2.20	3.85	3.25			10
11							2.66	2.33	3.84	3.32			11
12							2.74	2.40	3.96	3.38			12
13							2.87	2.44	4.08	3.42			13
14							2.97	2.46	4.16	3.44			14
15							2.35	2.47	4.22	3.44			15
16							2.40	2.56	4.22	3.50			16
17							2.58	2.69	4.00	3.53			17
18							2.71	2.79	3.28	3.55			18
19							2.86	2.93	3.35	3.55			19
20							2.93	3.00	3.40	3.20			20
21							1.79	3.09	3.35	3.00			21
22							1.75	3.17	3.18	3.06			22
23							1.84	3.27	3.25	3.15			23
24							1.77	3.32	3.34	3.12			24
25							1.89	3.43	3.42	3.02			25
26							1.99	3.44	3.35	3.03			26
27							2.07	3.47	3.13	3.08			27
28							2.14	3.53	3.19	3.12			28
29						2.35	1.91	3.58	3.24	3.15			29
30						2.09	1.87	3.65	3.33	3.17			30
31							1.93	3.71		2.99			31
-MONTHLY SUMMARY-													
MEAN							2.35	2.79	3.69	3.31			MEAN
INST							1.72	1.99	3.11	2.94			INST
MAX							(21)	(1)	(26)	(31)			MAX
INST							3.00	3.74	4.23	3.65			INST
MIN							(20)	(31)	(15)	(6)			MIN

ENVIRONMENT ONTARIO  
TORONTO  
DUFFERIN COUNTY

OBSERVATION WELL 046  
TOWNSHIP OF EAST LUTHER

CONC. 4

LOT 20

WELL REC #1 1701297  
UTM CO-ORD: Z-17 E553920 N4862120  
LAT & LONG: 43-53NORTH 80-20WEST

REC METHOD: STEEL TAPF  
REC COMMD: NOV. 27 1953  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND FLEV: 1550 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG/DRILLED  
WELL LOG: GRAVELLY STONEY CLAY 20; GRAVEL, SAND AND CLAY 35.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 35 FEET

PUMP RATE: N.A.  
SPFC, CAP: N.A.  
AQUIFER: OVERBURDEN  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
15/ 7.21	24/ 4.72	29/ -1.00	17/ -0.91	14/ -0.49	08/ -0.63	24/ 2.25	14/ 3.05	06/ 3.88	07/ 3.74	17/ 4.46	15/ 5.87

ENVIRONMENT ONTARIO  
TORONTO  
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 013  
TOWNSHIP OF MIDDLETON

STR 4

LOT 23

WELL REF # 4400966  
UTM CO-ORD: Z-17 E533400 N4738050  
LAT & LONG: 42-44N00RTH 80-36E05T

REC METHOD: A35 RECORDER  
REC COMMOD: FEM 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND FLV: 760 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK LOAM 2; MEDIUM SAND 20; QUICKSAND 35; BLUE CLAY 36.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 34 FEET  
LENGTH OF SCREEN: 2 FEET  
DEPTH OF WELL: 36 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 SAND AND CLAY  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.67	2.83				3.23						4.84	1
2	2.68	2.84				3.28						4.87	2
3	2.69	2.88				3.39						4.87	3
4	2.70	2.94				3.52						4.87	4
5	2.70	3.04				3.63						4.87	5
6	2.71	3.09				3.72						4.87	6
7	2.74	3.15				3.80						4.86	7
8	2.82	3.19				3.90						4.86	8
9	2.93	3.27				4.00						4.87	9
10	3.04	3.30				4.10						4.88	10
11	3.10	3.06				4.17						4.88	11
12	3.17	2.88				4.25						4.88	12
13	3.22					4.33						4.84	13
14	3.26					4.41						4.90	14
15	3.32					4.48						4.90	15
16	3.34					4.54						4.90	16
17	3.39					4.59						4.91	17
18	3.45					4.65						4.93	18
19	3.49					4.69					5.15	4.94	19
20	3.52					4.70					5.15	4.93	20
21	3.53					4.73					5.15	4.95	21
22	3.58					4.77					5.16	4.81	22
23	3.62					4.82					5.17	4.78	23
24	3.64					4.88					5.18	4.78	24
25	3.69				2.83	4.80					5.18	4.78	25
26	3.13				2.88	4.98					5.17	4.79	26
27	2.81				2.96	4.54					5.11	4.81	27
28	2.82				3.05						5.03	4.82	28
29	2.82				3.14						4.96	4.84	29
30	2.82				3.21						4.91	4.87	30
31	2.82				3.25							4.89	31

-MONTHLY SUMMARY-

MEAN	3.10											4.86	MEAN
INST	2.67											4.78	INST
MAX	(1)											(23)	MAX
INST	3.70											4.95	INST
MIN	(26)											(20)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 005  
TOWNSHIP OF N. CAYUGA

JT

LOT 24

WELL REF # 2601523  
UTM CO-ORD: Z-17 E592800 N4750400  
LAT & LONG: 43-54N00RTH 79-52E05T

REC METHOD: A35 RECORDER  
REC COMMOD: JUNE 29 1946  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND FLV: 467 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 22; LIMESTONE 12%.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 22 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 12% FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 LIMESTONE  
QUALITY: 1 N.A.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.83	39.85											1
2	39.33	39.60											2
3	40.12	39.81											3
4	40.17	39.22											4
5	39.92	39.04											5
6	39.93	39.28											6
7	40.15	39.87											7
8	40.01	39.73											8
9	39.85	39.30											9
10	39.56	39.62											10
11	39.82	39.56											11
12	39.71	39.40											12
13	39.86	39.05											13
14	39.72	40.13											14
15	39.43	41.10											15
16	39.69	41.56											16
17	39.35												17
18	38.99												18
19	39.01												19
20	39.17												20
21	39.35												21
22	39.23												22
23	39.15												23
24	39.20												24
25	38.85												25
26	39.06												26
27	38.94												27
28	39.26												28
29	39.60												29
30	39.51												30
31	39.49												31

-MONTHLY SUMMARY-

MEAN	39.49												MEAN
INST	38.76												INST
MAX	(24)												MAX
INST	40.25												INST
MIN	(1)												MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. W. OF HALDIMAND - NORFOLK

OBSERVATION WELL 064  
TOWNSHIP OF N. CAYUGA

LOT 23

WELL REC # 2600272  
UTM CO-ORD: Z-17 E592905 N4750410  
LAT & LONG: 43-54NORTH 79-52WEST

REC METHOD: A35 RECORDER  
REC COMM: APR 15 1964  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND FLEV: 649 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 21; LIMESTONE 100.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 21 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 100 FEET

PUMP RATE: 5 IGPH  
SPEC. CAP: 0.06 IGPH/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			25.16	25.83	25.03	24.83	23.16	21.73				26.22	1
2			25.23	25.80	25.11	24.67	23.01	21.54				26.11	2
3			25.39	25.85	25.02	24.56	22.91	21.32				26.29	3
4			25.45	25.67	24.78	24.40	22.86					26.17	4
5		23.66	25.64	25.61	24.94	24.20	22.79					26.31	5
6		23.85	25.50	25.61	25.04	24.15	22.71				25.89	26.23	6
7		23.99	25.53	25.47	25.06	24.13	22.73				25.90	25.88	7
8		24.26	25.44	25.31	25.04	24.01	22.72				25.99	26.01	8
9		23.00	25.50	25.18	25.12	23.91	22.62				25.87	26.20	9
10		24.13	25.60	25.22	25.19	23.83	22.67				25.76	26.04	10
11		24.14	25.48	25.26	25.32	23.91	22.83				26.01	26.07	11
12		23.91	25.54	25.02	25.31	23.81	22.82				26.16	25.75	12
13		23.93	25.86	25.07	25.27	23.69	22.73				26.19	25.90	13
14		23.62	25.68	25.12	25.37	23.67	22.64				26.13	25.89	14
15		24.00	25.67	25.14	25.33	23.65	22.61				26.10	25.69	15
16		24.13	25.85	25.12	25.34	23.69	22.61				26.19	25.61	16
17		24.30	25.88	24.98	25.35	23.56	22.49				26.11	25.50	17
18		24.48	25.77	24.90	25.29	23.41	22.33				25.84	25.78	18
19		24.60	25.90	24.92	25.26	23.40	22.16				25.81	25.74	19
20		24.50	25.92	24.91	25.29	23.38	22.08				25.92	25.43	20
21		24.72	26.03	24.96	25.29	23.32	22.06				25.87	25.51	21
22		24.94	25.63	25.01	25.20	23.20	21.91				25.91	25.75	22
23		24.74	25.55	24.90	25.11	23.11	21.94				26.12	25.57	23
24		24.97	25.63	24.82	25.02	23.14	21.98				26.16	25.79	24
25		25.07	25.71	25.05	24.88	23.36	21.86				26.11	25.70	25
26		25.17	25.68	25.13	24.77	23.22	21.81				25.95	25.55	26
27		25.21	25.93	24.94	24.72	23.10	21.87				25.92	25.54	27
28		25.28	25.70	24.82	24.74		21.81				26.07	25.42	28
29		25.32	25.61	24.84	24.84	23.07	21.83				26.05	25.44	29
30			25.71	24.88	24.89	23.13	21.83				26.15	25.62	30
31			25.75		24.90		21.83					25.67	31

MONTHLY SUMMARY

MEAN		25.64	25.17	25.09	22.39							25.82	MEAN
INST			25.12	24.79	24.72		21.77					25.32	INST
MAX			( 2 )	(24)	(27)		(28)					(20)	MAX
INST			26.12	25.87	25.39		23.19					26.37	INST
MIN			(21)	( 2 )	(14)		( 1 )					( 6 )	MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. W. OF HALDIMAND - NORFOLK

OBSERVATION WELL 412  
TOWNSHIP OF N. WALSHINGHAM

CONC. 10 LOT 6

WELL REC # 4401018  
UTM CO-ORD: Z-17 E533325 N4726135  
LAT & LONG: 42-43NORTH 80-36WEST

REC METHOD: A35 RECORDER  
REC COMM: FEB 1966  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND FLEV: 710 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: YELLOW SAND 5; MEDIUM SAND 10; SAND 1A.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 16 FEET  
LENGTH OF SCREEN: 2 FEET  
DEPTH OF WELL: 18 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												4.74	1
2												4.72	2
3												4.69	3
4												4.68	4
5												4.67	5
6												4.66	6
7												4.64	7
8												4.62	8
9												4.61	9
10												4.60	10
11												4.61	11
12												4.57	12
13												4.55	13
14												4.52	14
15												4.51	15
16												4.50	16
17												4.48	17
18												4.48	18
19											4.90	4.47	19
20											4.89	4.45	20
21											4.88	4.43	21
22											4.87	4.40	22
23											4.87	4.37	23
24											4.87	4.34	24
25											4.86	4.32	25
26											4.85	4.30	26
27											4.83	4.28	27
28											4.81	4.26	28
29											4.78	4.25	29
30											4.75	4.25	30
31												4.24	31

MONTHLY SUMMARY

MEAN												4.49	MEAN
INST												4.23	INST
MAX												(31)	MAX
INST												4.75	INST
MIN												( 1 )	MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 138  
TOWNSHIP OF S. WALSINGHAM

CONC. 4

LOT 13

WELL REC #1 0401235  
UTM CO-ORDS: Z-17 E540150 N4722800  
LAT & LONG: 42-39NORTH 80-31WEST

REC METHOD: ASS RECORDER  
REC COMMENT: MAY 20 1965  
MEASURE PT: 2.2 FEET ABOVE GROUND SURFACE  
GND ELEV: 680 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; YELLOW SAND 4; BROWN SAND 16; DRY GREY SAND 1A; COARSE BROWN SAND 24; FINE GREY SAND 32; MEDIUM DARK SAND 47.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 40.5 FEET  
LENGTH OF SCREEN: SLOTTED PIPE  
DEPTH OF WELL: 40.5 FEET

PUMP RATE: 7 IGPM  
SPEC. CAP: N.A.  
AQUIFER: 1 MEDIUM SAND  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.33							9.05	9.67			10.97	1
2	10.31							9.07				10.97	2
3	10.29							9.09				10.95	3
4	10.28							9.10				10.92	4
5	10.26							9.11				10.90	5
6	10.25							9.12				10.88	6
7	10.23							9.14				10.87	7
8	10.22							9.15				10.86	8
9	10.22							9.16				10.84	9
10	10.22							9.17				10.84	10
11	10.21							9.18				10.83	11
12	10.18							9.21				10.82	12
13	10.16							9.24				10.80	13
14	10.15							9.27				10.79	14
15	10.15							9.29			10.91	10.78	15
16	10.15							9.31			11.02	10.78	16
17	10.15							9.40			11.05	10.77	17
18	10.14							9.44			11.05	10.75	18
19	10.15							9.46			11.05	10.74	19
20	10.15							9.46			11.05	10.73	20
21	10.14							9.48			11.04	10.71	21
22	10.13							9.51			11.03	10.70	22
23							8.85	9.52			11.02	10.69	23
24							8.89	9.54			11.01	10.67	24
25							8.92	9.55			11.00	10.67	25
26							8.94	9.56			11.00	10.67	26
27							8.96	9.58			11.00	10.67	27
28							8.98	9.59			10.99	10.66	28
29							8.99	9.60			10.98	10.65	29
30							9.00	9.61			10.98	10.63	30
31							9.02	9.66				10.62	31
-MONTHLY SUMMARY-													
MEAN								9.34				10.78	MEAN
INST								9.04				10.61	INST
MAX								(1)				(31)	MAX
INST								9.68				10.98	INST
MIN								(31)				(1)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 139  
TOWNSHIP OF SOUTH WALSINGHAM

CONC. 4

LOT 13

WELL REC #1 4403178  
UTM CO-ORDS: Z-17 E540160 N4722790  
LAT & LONG: 42-40NORTH 80-31WEST

REC METHOD: STEEL TAPE  
REC COMMENT: APR. 30 1965  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 680 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; YELLOW SAND 06; BROWN SAND 10; DRY GREY SAND 18; BROWN COARSE SAND 24; YELLOW FINE SAND 36; MEDIUM SAND 50; GREY SAND 59; PUTTY SAND 61; RED CLAY 65; SOOPY SAND 70; RED CLAY 84; PUTTY SAND 139.

DIAMETER OF WELL: 1 INCH  
LENGTH OF CASING: 136 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 139 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 SAND  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
20/ 13.57											

ENVIRONMENT ONTARIO  
TORONTO  
R. M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 140  
TOWNSHIP OF SOUTH WALSINGHAM

CONC. 4

LOT 13

WELL REC #1 4401236  
UTM CO-ORDS: Z-17 E540160 N4722790  
LAT & LONG: 42-40NORTH 80-31WEST

REC METHOD: STEEL TAPE  
REC COMMENT: APR. 30 1965  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 680 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 01; YELLOW SAND 06; BROWN SAND 10; DRY GREY SAND 18; BROWN COARSE SAND 24; YELLOW FINE SAND 36; MEDIUM SAND 50; GREY SAND 59; PUTTY SAND 61; RED CLAY 65; SOOPY SAND 70; RED CLAY 84; PUTTY SAND 139; PUTTY SAND 225; SAND, CLAY 246; PUTTY SAND 257; SAND, CLAY 278; RED CLAY 298; WHITE LIMESTONE 309.

DIAMETER OF WELL: 1 INCH  
LENGTH OF CASING: 298 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 309 FEET

PUMP RATE: 15 IGPM  
SPEC. CAP: 1.66 IGPM/FT  
AQUIFER: 1 SAND  
QUALITY: 1 SILT/MUR

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
20/ 4.05											



ENVIRONMENT ONTARIO  
TORONTO  
R. W. OF HALDIMAND - NORFOLK

OBSERVATION WELL 407

TOWNSHIP OF S. HALSINGHAM

CONC. 4

LOT 5

WELL REC #1 4401229  
UTM CO-ORDS: Z=17 E535300 N4721000  
LAT & LONG: 42=39N00W R0=34W E5T

REC METHOD: A35 RECORDER  
REC COMMD: JUNE 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 480 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: MIXED BROWNISH MEDIUM SAND 10; MIXED BROWNISH GREY SAND 20; BROWNISH SILTY CLAY 30; MIXED BROWNISH GREY SAND 35;

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 319.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 319 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 SHALE  
QUALITY: 1 FRESH

MEDIUM SAND 50; FINE SAND 60; VERY FINE SAND 70; BROWN CLAYEY SILT, STONES 75; CLAYEY SILT 95; SILT 105; SILTY CLAY 120; SILTY CLAY, STONES 125; SILTY CLAY 175; CLAY 180; SILTY CLAY 225; CLAY 230; SILTY CLAY 240; SILTY CLAY, PERLITE 205; SILTY CLAY 100; SILTY CLAY, PERLITE AND SHALE 319; SHALE 319.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		9.56	9.50					9.81	9.97	9.90	9.96		1
2		9.51	9.51					9.83	9.98	9.90	9.96		2
3		9.51	9.53					9.84	9.99	9.91	9.96		3
4		9.53	9.55					9.85	10.00	9.91	9.96		4
5		9.55	9.57					9.86	10.01	9.91	9.97		5
6		9.52	9.57					9.86	10.01	9.91	9.97		6
7		9.49	9.58					9.85	10.01	9.91	9.96		7
8		9.42	9.61					9.85	10.01	9.91	9.85		8
9		9.48	9.58					9.86	10.01	9.91	9.84		9
10		9.61	9.55					9.87	10.01	9.91	9.84		10
11		9.62	9.55					9.87	10.01	9.91	9.84		11
12		9.63	9.55					9.87	10.01	9.92	9.85		12
13		9.63	9.57					9.87	10.01	9.91	9.85		13
14		9.63	9.60					9.87	10.01	9.85	9.86		14
15		9.62	9.60					9.89	10.02	9.83	9.87		15
16		9.51	9.61					9.89	10.01	9.84			16
17		9.49	9.62					9.90	10.01	9.86			17
18		9.49	9.64					9.91	10.02	9.87			18
19		9.49	9.66					9.92	9.95	9.88			19
20		9.50	9.67					9.92	9.87	9.88			20
21	9.75	9.64	9.69					9.92	9.87	9.89			21
22	9.76	9.63	9.72					9.93	9.87	9.90			22
23	9.76	9.62	9.73				9.79	9.95	9.88	9.92			23
24	9.77	9.61					9.78	9.94	9.88	9.92			24
25	9.73	9.65					9.79	9.95	9.88	9.93			25
26	9.64	9.67					9.80	9.96	9.89	9.94			26
27	9.53	9.66					9.80	9.97	9.88	9.96			27
28	9.53	9.68					9.81	9.97	9.89	9.97			28
29	9.54	9.69					9.82	9.98	9.90	9.96			29
30	9.56						9.82	9.97	9.90	9.95			30
31	9.57						9.82	9.97		9.95			31

MONTHLY SUMMARY

MEAN		9.52						9.90	9.96	9.91			MEAN
INST		9.42						9.81	9.86	9.83			INST
MAX		(22)						(1)	(19)	(15)			MAX
INST		9.64						9.98	10.02	9.97			INST
MIN		(15)						(29)	(18)	(28)			MIN

ENVIRONMENT ONTARIO  
TORONTO  
R. W. OF HALDIMAND - NORFOLK

OBSERVATION WELL 408

TOWNSHIP OF S. HALSINGHAM

CONC. 4

LOT 5

WELL REC #1 4401260  
UTM CO-ORDS: Z=17 E535300 N4721000  
LAT & LONG: 42=39N00W R0=34W E5T

REC METHOD: A35 RECORDER  
REC COMMD: NOV. 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 480 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SAND 21; SILTY CLAY 26.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: 4 FEET  
DEPTH OF WELL: 24 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 SILTY CLAY  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.17	8.91	7.85	5.34	5.59	6.13		8.00	8.72	9.36	9.77	10.00	1
2	9.15	8.90	7.79	5.39	5.62	6.16		8.02	8.74	9.38	9.77	10.01	2
3	9.12	8.90	7.72	5.39	5.65	6.20		8.05	8.76	9.40	9.78	10.02	3
4	9.10	8.90	7.68	5.43	5.69	6.24		8.08	8.79	9.42	9.79	10.02	4
5	9.09	8.90	7.66	5.44	5.73	6.29		8.11	8.81	9.42	9.80	10.03	5
6	9.07	8.89	7.63	5.46	5.50	6.34		8.15	8.83	9.42	9.81	10.03	6
7	9.04	8.88	7.64	5.51	5.29	6.38		8.18	8.86	9.43	9.82	10.03	7
8	9.02	8.87	7.66	5.56	5.31	6.42		8.20	8.89	9.45	9.83	10.04	8
9	9.01	8.86	7.60	5.57	5.34	6.47		8.21	8.91	9.46	9.84	10.05	9
10	9.00	8.87	7.56	5.56	5.38	6.51		8.22	8.94	9.48	9.85	10.06	10
11	8.97	8.87	7.50	5.61	5.42	6.56		8.24	8.96	9.50	9.86	10.06	11
12	8.95	8.87	7.39	5.64	5.45	6.61		8.26	8.99	9.51	9.86	10.06	12
13	8.94	8.87	7.31	5.65	5.49	6.66		8.28	9.01	9.53	9.88	10.07	13
14	8.93	8.87	7.25	5.66	5.52	6.71		8.30	9.03	9.54	9.88	10.08	14
15	8.93	8.86	7.19	5.69	5.55	6.74		8.31	9.04	9.56	9.89	10.08	15
16	8.92	8.85	7.14	5.74	5.59	6.78		8.33	9.04	9.57	9.90	10.09	16
17	8.92	8.82	7.15	5.74	5.61	6.82		8.35	9.11	9.58	9.91	10.10	17
18	8.92	8.78	7.10	5.82	5.63	6.86		8.37	9.13	9.60	9.91	10.10	18
19	8.92	8.72	7.00	5.86	5.66	6.89		8.39	9.15	9.61	9.91	10.10	19
20	8.91	8.63	6.82	5.89	5.70	6.92		8.42	9.16	9.62	9.91	10.11	20
21	8.91	8.54	6.74	5.89	5.74	6.95		8.44	9.18	9.63	9.93	10.11	21
22	8.91	8.62	6.71	5.79	5.76	7.00		8.47	9.20	9.65	9.94	10.12	22
23	8.91	8.29	6.66	5.71	5.82	7.02	7.72	8.50	9.22	9.66	9.94	10.14	23
24	8.91	8.22	6.60	5.60	5.86	7.03	7.75	8.52	9.25	9.67	9.94	10.14	24
25	8.92	8.14	6.56	5.38	5.89	7.03	7.78	8.55	9.27	9.69	9.95	10.15	25
26	8.93	8.11	6.51	5.37	5.93	7.05	7.81	8.58	9.29	9.70	9.96	10.16	26
27	8.93	8.03	6.52	5.41	5.97	7.08		8.60	9.30	9.72	9.98	10.17	27
28	8.93	7.94	6.53	5.46	6.01		7.88	8.62	9.32	9.74	9.99	10.18	28
29	8.93	7.90	6.49	5.51	6.05			8.63	9.34	9.74	9.99	10.18	29
30	8.92		6.49	5.55	6.10			8.66	9.35		10.00	10.19	30
31	8.92		6.38		6.10		7.97	8.70		9.75		10.20	31

MONTHLY SUMMARY

MEAN	8.97	8.64	7.27	5.59	5.68			8.35	9.05	9.57	9.89	10.09	MEAN
INST	8.90	7.88	6.33	5.32	5.28			7.98	8.71	9.35	9.76	10.00	INST
MAX	(20)	(29)	(11)	(1)	(7)			(1)	(1)	(1)	(1)	(1)	MAX
INST	9.18	8.91	7.88	5.90	6.11			8.71	9.35	9.76	10.00	10.20	INST
MIN	(1)	(1)	(1)	(21)	(31)			(31)	(30)	(31)	(30)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF NIAGARA

OBSERVATION WELL 399  
TOWNSHIP OF N. GRIMSBY

WELL REC #1 3802296  
UTM CO-ORDS Z-17 E614640 N4779880  
LAT & LONG 43-10NORTH 74-35WEST

REC METHOD: ASS RECORDER  
REC COMM: NOV 18 1969  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 630 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SOFT BROWN CLAY, STONES 10; SOFT GRAY CLAY, STONES 38; HARD, DENSE WHITE DOLOMITE 47.

CONC. 5 LOT 12

DIA. OF WELL: 6.25 INCHES  
LENGTH OF CASING: 44 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 47 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							2.22	3.30	3.74	4.23	4.34		1
2							2.24	3.35	3.84	4.23			2
3							2.25	3.40	3.85	4.25			3
4							2.26	3.36	3.84	4.28			4
5							2.33	3.29	3.84	4.24			5
6							2.40	3.32	3.90	4.23			6
7							2.49	3.30	3.97	4.24			7
8							2.50	3.22	4.11	4.22			8
9							2.58	3.21	4.06	4.10			9
10							2.43	3.23	3.94	4.10			10
11							2.43	3.28	3.95	4.19			11
12							2.44	3.20	4.02	4.13			12
13							2.41	3.16	4.17	4.03			13
14							2.61	3.19	4.14	4.02			14
15							2.64	3.11	4.20	4.01			15
16							2.72	3.14	4.26	4.12			16
17							2.75	3.20	4.19	4.19			17
18							2.84	3.25	4.06	4.27			18
19							2.91	3.30	4.06	4.24			19
20							2.86	3.33	4.02	4.18			20
21							2.87	3.35	4.05	4.11			21
22							3.09	3.37	4.12	4.18			22
23							3.05	3.40	4.12	4.10			23
24							3.09	3.44	4.21	4.27			24
25		4.47					3.27	3.46	4.21	4.25			25
26							3.33	3.52	4.15	4.29			26
27							3.48	3.63	4.08	4.39			27
28							3.53	3.64	4.13	4.36			28
29						2.37	3.47	3.72	4.13	4.15			29
30						2.30	3.41	3.75	4.19	4.14			30
31							3.36	3.74		4.29			31
MONTHLY SUMMARY													
MEAN							2.80	3.36	4.05	4.21			MEAN
INST							2.19	3.10	3.65	3.98			INST
MAX							(1)	(15)	(1)	(15)			MAX
INST							3.57	3.83	4.31	4.40			INST
MIN							(28)	(30)	(15)	(27)			MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF NIAGARA

OBSERVATION WELL 228  
TOWNSHIP OF MAINFLEET

WELL REC #1 6602409  
UTM CO-ORDS Z-17 E624861 N4755444  
LAT & LONG 42-57NORTH 79-28WEST

REC METHOD: ASS RECORDER  
REC COMM: FEB 24 1969  
MEASURE PT: 3.1 FEET ABOVE GROUND SURFACE  
GND ELEV: 581 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN CLAY 5; BLUE CLAY 48; REDDISH CLAY 70; CLAY AND GRAVEL 110; SALINA LIMESTONE 175.

CONC. 5 LOT 37

DIA. OF WELL: 5 INCHES  
LENGTH OF CASING: 109 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 175 FEET

PUMP RATE: 40 IGPM  
SPEC. CAP: 0.65 IGPM/FT  
AQUIFER: LIMESTONE  
QUALITY: MINERAL

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.43	0.04	0.41	0.72	0.45	0.22	0.39	0.78	0.37	0.20	0.28	0.29	1
2	0.41	0.04	0.46	0.71	0.40	0.18	0.46	0.85	0.42	0.21	0.25	0.27	2
3	0.48	0.11	0.57	0.64	0.43	0.08	0.40	0.91	0.43	0.22	0.16	0.33	3
4	0.47		0.74	0.65	0.34	0.07	0.50	0.91	0.34	0.23	0.17	0.37	4
5	0.54	0.22	0.97	0.62	0.34	0.15	0.49	0.89	0.31	0.22	0.18	0.37	5
6	0.51	0.18	0.88	0.59	0.32	0.10	0.56	0.90	0.35	0.19	0.18	0.30	6
7	0.43	0.13	0.83	0.52	0.50	0.15	0.51	0.95	0.41	0.22	0.22	0.18	7
8	0.41	0.97	0.73	0.42	0.50	0.15	0.52	0.86	0.44	0.22	0.22	0.21	8
9	0.44	0.81	0.71	0.40	0.50	0.20	0.62	0.87	0.51	0.14	0.17	0.25	9
10	0.52	0.89	0.73	0.40	0.53	0.21	0.56	0.89	0.43	0.13	0.12	0.22	10
11	0.46	0.07	0.68	0.38	0.46	0.16	0.46	0.91	0.46	0.18	0.19	0.23	11
12	0.47	0.14	0.70	0.31	0.44	0.27	0.49	0.89	0.52	0.19	0.24	0.15	12
13	0.44	0.90	0.83	0.31	0.51	0.30	0.42	0.89	0.55	0.12	0.26	0.21	13
14	0.40	0.86	0.75	0.31	0.44	0.31	0.54	0.89	0.46	0.08	0.25	0.19	14
15	0.51	0.12	0.68	0.32	0.51	0.31	0.58	0.88	0.58	0.07	0.24	0.17	15
16	0.42	0.30	0.72	0.28	0.40	0.34	0.57	0.93	0.56	0.16	0.26	0.11	16
17	0.49	0.41	0.71	0.22	0.60	0.44	0.62	0.96	0.49	0.23	0.25	0.08	17
18	0.64	0.51	0.64	0.19	0.42	0.48	0.68	0.98	0.41	0.28	0.19	0.20	18
19	0.41	0.58	0.68	0.17	0.62	0.43	0.75	0.90	0.43	0.27	0.17	0.16	19
20	0.53	0.39	0.69	0.15	0.62	0.43	0.74	0.98	0.39	0.22	0.23	0.03	20
21	0.44	0.47	0.77	0.17	0.61	0.45	0.73	0.94	0.33	0.14	0.20	0.09	21
22	0.42	0.47	0.58	0.23	0.56	0.48	0.77	0.93	0.28	0.18	0.21	0.17	22
23	0.42	0.08	0.53	0.19	0.53	0.56	0.74	0.94	0.31	0.29	0.27	0.11	23
24	0.41	0.47	0.58	0.18	0.48	0.52	0.75	0.95	0.32	0.26	0.28	0.20	24
25	0.49	0.46	0.64	0.45	0.42	0.41	0.78	0.94	0.32	0.23	0.29	0.14	25
26	0.42	0.48	0.60	0.60	0.35	0.46	0.78	0.94	0.24	0.28	0.25	0.07	26
27	0.51	0.48	0.68	0.54	0.24	0.46	0.78	0.94	0.24	0.23	0.21	0.05	27
28	0.36	0.48	0.59	0.52	0.24	0.50	0.84	0.92	0.22	0.33	0.25	0.02	28
29	0.18	0.47	0.53	0.52	0.24	0.43	0.78	0.95	0.20	0.31	0.26	0.04	29
30	0.21		0.59	0.45	0.25	0.40	0.77	0.96	0.19	0.28	0.29	0.10	30
31	0.18		0.61		0.24		0.78	0.99		0.20		0.11	31
MONTHLY SUMMARY													
MEAN	0.46		0.67	0.41	0.46	0.32	0.63	0.91	0.34	0.21	0.22	0.17	MEAN
INST	0.16		0.40	0.15	0.18	0.03	0.36	0.78	0.18	0.07	0.10	0.00	INST
MAX	(29)		(1)	(20)	(27)	(3)	(1)	(1)	(30)	(15)	(10)	(29)	MAX
INST	0.95		0.99	0.73	0.42	0.60	0.87	0.32	0.59	0.34	0.29	0.38	INST
MIN	(19)		(5)	(2)	(21)	(22)	(28)	(31)	(15)	(27)	(30)	(4)	MIN

ENVIRONMENT ONTARIO  
TORONTO

REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 032

TOWN OF ELMIRA

CONC. = LOT =

WELL REC #1 6503535  
UTM CO-ORDS: Z-17 E535590 N4827750  
LAT & LONG: 43-36NORTH 80-34WEST

REC METHOD: STEEL TAPF  
REC COMMO: NOV. 30 1946  
MEASURE PT: 1.16 FEET ABOVE GROUND SURFACE  
GND ELEV: 1159 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN (SAND AND GRAVEL) 11A.

DIAMETER OF WELL: 20 INCHES  
LENGTH OF CASING: 104 FEET  
LENGTH OF SCREEN: 14 FEET  
DEPTH OF WELL: 11A FEET

PUMP RATE: 400 IGPM  
SPEC. CAP: 10.0 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
05/ 25.04					11/ 23.84		02/ 23.39	08/ 28.39	15/ 26.84	15/ 27.46	

ENVIRONMENT ONTARIO  
TORONTO

REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 033

TOWN OF ELMIRA

CONC. = LOT =

WELL REC #1 6503536  
UTM CO-ORDS: Z-17 E535505 N4827750  
LAT & LONG: 43-27NORTH 80-34WEST

REC METHOD: ASS RECORDER  
REC COMMO: NOV 30 1946  
MEASURE PT: 3.3 FEET ABOVE GROUND SURFACE  
GND ELEV: 1163 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SAND AND GRAVEL OVERBURDEN 60.

DIAMETER OF WELL: 20 INCHES  
LENGTH OF CASING: 50 FEET  
LENGTH OF SCREEN: 9 FEET  
DEPTH OF WELL: 59 FEET

PUMP RATE: 350 IGPM  
SPEC. CAP: 10.0 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										22.89	26.74	28.74	1
2										24.01	27.10	28.80	2
3										23.76	27.29	28.82	3
4										24.30	27.41	28.83	4
5										24.61	27.53	28.88	5
6										25.06	27.41	28.86	6
7										25.22	27.06	28.80	7
8									22.86	25.49	27.23	28.93	8
9									23.17	24.01	27.41	28.96	9
10									23.41	24.17	27.46	28.92	10
11									23.62	23.86	27.14	28.96	11
12									23.88	23.63	26.23	28.95	12
13									24.21	24.65	26.52	28.92	13
14									24.79	24.85	26.35	28.91	14
15									25.13	25.17	26.57	28.95	15
16									25.17	25.16	27.12	28.98	16
17									25.51	24.89	27.32	28.99	17
18									25.56	25.09	27.88	29.05	18
19									25.26	25.73	27.64	29.05	19
20									25.47	25.97	27.76	29.04	20
21									25.90	26.19	27.79	29.09	21
22									26.19	26.44	27.91	29.11	22
23									26.33	26.43	28.08	29.13	23
24									26.10	26.00	28.25	28.90	24
25									26.70	26.06	28.39	28.88	25
26									23.22	26.45	28.49	27.49	26
27									22.66	26.76	28.59	27.44	27
28									22.69	26.94	28.47	27.93	28
29									22.60	27.07	28.60	28.17	29
30									22.50	26.95	28.68	28.33	30
31										26.57		28.39	31
-MONTHLY SUMMARY-													
MEAN										25.38	27.53	28.73	MEAN
INST										21.83	25.43	26.98	INST
MAX										( 1 )	(12)	(27)	MAX
INST										27.15	28.71	29.17	INST
MIN										(30)	(30)	(24)	MIN

ENVIRONMENT ONTARIO  
TORONTO

REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 034

CITY OF KITCHENER

CONC. = LOT =

WELL REC #1 6503537  
UTM CO-ORDS: Z-17 E54047A N4808546  
LAT & LONG: 43-26NORTH 80-30WEST

REC METHOD: STEEL TAPF  
REC COMMO: SEP. 11 1946  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1042 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN 200; DOLOMITE 370.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 200 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 370 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 34.29	01/ 42.81	01/ 43.20	01/ 44.46	02/ 40.58	01/ 38.47	02/ 41.42		01/ 44.44	01/ 44.95	01/ 41.08	
						30/ 31.97					

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 035

CITY OF KITCHENER

CONC. =      LOT =

WELL REC #1 6503538  
UTM CO-ORDS: Z-17 E540482 N480850A  
LAT & LONG: 43-26NORTH 80-30WEST

REC METHOD: STEEL TAPE  
REC COMCD: SEP. 11 1946  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1082 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN 100; DOLOMITE 196.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 190 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 196 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 20.03	01/ 20.26	01/ 22.50	01/ 25.21	02/ 19.12	01/ 20.81	02/ 27.33 30/ 25.37		01/ 27.08	01/ 26.89	01/ 22.56	

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 059

CITY OF KITCHENER

CONC. =      LOT =

WELL REC #1 6503534  
UTM CO-ORDS: Z-17 E539865 N4810265  
LAT & LONG: 43-26NORTH 80-30WEST

REC METHOD: STEEL TAPE  
REC COMCD: NOV. 29 1946  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1076 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN 160; DOLOMITE 202.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 160 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 202 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: DOLOMITE  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 65.77	01/ 70.31	01/ 70.25	01/ 75.67	02/ 69.95	01/ 70.94	02/ 65.06 30/ 48.44		01/ 77.25	01/ 75.79	01/ 69.93	

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 082

CITY OF KITCHENER

CONC. =      LOT =

WELL REC #1 6500265  
UTM CO-ORDS: Z-17 E544590 N4806630  
LAT & LONG: 43-25NORTH 80-27WEST

REC METHOD: A35 RECORDER  
REC COMCD: MAY 10 1958  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1020 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BEDROCK 43; CLAY AND STONES 91; DRY GRAVEL 64; CEMENTED GRAVEL 74; CLAY, HARDPAN AND STONES 87; SANDY CLAY 90; BROWN CLAY 120; COARSE SAND 125; GRAVEL 127; UNKN 130.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 130 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 130 FEET

PUMP RATE: 15 IGPM  
SPEC. CAP: 0.71 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										74.76	74.28	72.70	1
2										70.51	72.19	72.61	2
3									74.79	67.22	72.79	74.99	3
4									65.32	72.84	77.32	71.39	4
5									66.59	72.09	75.40	68.95	5
6									68.01	74.88	73.18	72.49	6
7									73.41	72.51	69.10	71.98	7
8									71.68	75.70	72.69	77.53	8
9									75.31	72.33	73.08		9
10										65.09	72.30	75.94	10
11										72.40	72.14		11
12										72.10	74.69	68.10	12
13										70.85		73.57	13
14									73.09	70.35	65.58	72.94	14
15									74.05	75.78	70.51	75.86	15
16										69.16	70.81	74.37	16
17										65.16	75.45	76.62	17
18											72.46	71.94	18
19									71.94	71.67	75.27	70.44	19
20									72.27	72.37	69.59	74.30	20
21									73.44	73.41	65.72	75.21	21
22									74.38	74.11	69.87	73.78	22
23	77.00								74.37	70.03	73.37	75.04	23
24	76.02								74.19	68.43	75.63	67.18	24
25	72.88								71.31	73.74	72.53	57.91	25
26	75.54								69.11		75.25	55.81	26
27	77.10								73.87		70.72	54.31	27
28									73.17	73.90	68.92	53.23	28
29									74.16	75.02	72.66	62.07	29
30									72.67	69.42	72.72	67.96	30
31										67.47		69.58	31
-MONTHLY SUMMARY-													
MEAN												70.20	MEAN
INST												52.47	INST
MAX												(29)	MAX
INST												79.00	INST
MIN												(17)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 116

TOWNSHIP OF WILMOT

CONC. BRN LOT 2

WELL REC #1 6502124  
UTM CO-ORDS: 2-17 E936325 N4805375  
LAT & LONG: 43-24NORTH 80-33WEST

REC METHOD: STEEL TAPF  
REC COMCD: JUN. 06 1962  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1125 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL AND BOULDERS 03; SILTY SAND 49; SAND AND GRAVEL 53; SAND AND GRAVEL STREAKS, FINE SAND 70; FINE SAND AND GRAVEL 74; BOULDERS, COARSE GRAVEL AND SAND 80; GRAVEL AND SAND 84; HARD PACKED BOULDERS GRAVEL AND SAND 85; HARD AND SOFT STREAKS OF BLUE AND BROWN CLAY 97.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 74 FEET  
LENGTH OF SCREEN: 11 FEET  
DEPTH OF WELL: 86 FEET

PUMP RATE: 27 IGPH  
SPEC. CAP: 7.71 IGPH/FT  
AQUIFER: 1 SAND AND GRAVEL  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 26.29 30/ 27.40		01/ 27.00 29/ 25.42	01/ 25.83		01/ 24.88	02/ 24.93 30/ 24.24		01/ 27.27	01/ 24.35	01/ 24.02	

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 117

TOWNSHIP OF WILMOT

CONC. BRN LOT 2

WELL REC #1 6502168  
UTM CO-ORDS: 2-17 E936875 N4804000  
LAT & LONG: 43-24NORTH 80-33WEST

REC METHOD: STEEL TAPF  
REC COMCD: JUN. 06 1962  
MEASURE PT: 2.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 1100 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: MUCK 02; COARSE SAND, FINE GRAVEL 44; CLAY AND GRAVEL 68; CLAY 107; CLAY AND GRAVEL 136.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: N/A,  
LENGTH OF SCREEN: N/A,  
DEPTH OF WELL: 136 FEET

PUMP RATE: N/A,  
SPEC. CAP: N/A,  
AQUIFER: 1 CLAY AND GRAVEL  
QUALITY: 1 FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
02/ 24.84 30/ 25.25		01/ 24.79	01/ 23.90		01/ 22.76	02/ 22.01 30/ 22.22		01/ 22.49	01/ 24.41	01/ 22.19	

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 396

TOWNSHIP OF WILMOT

BRN LOT 11

WELL REC #1 6502145  
UTM CO-ORDS: 2-17 E930300 N4804475  
LAT & LONG: 43-24NORTH 80-37WEST

REC METHOD: BRITT RECORDER  
REC COMCD: JUN 13 1973  
MEASURE PT: 4.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 1200 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN CLAY A; SAND 17; SAND AND GRAVEL 34; BOULDERS, GRAVEL AND BROWN CLAY 51; BROWN CLAY CHANGING TO GREY COLOR 60; SILTY SAND WITH CLAY STREAKS 128; GRAVEL, SAND WITH BOULDERS 155; SAND AND FINE GRAVEL 162; GREY CLAY 205; GRAY CLAY, GRAVEL 216; CEMENTED SAND, GRAVEL 218; BEDROCK 218.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 144 FEET  
LENGTH OF SCREEN: 11 FEET  
DEPTH OF WELL: 155 FEET

PUMP RATE: 25 IGPH  
SPEC. CAP: 6.56 IGPH/FT  
AQUIFER: 1 SAND AND GRAVEL  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			48.31	47.42	47.04	47.10	47.83				48.52	49.23	1
2			48.20	47.47	47.02	47.20	47.89				48.21		2
3			48.13	47.51	47.16	47.18	47.88				48.19		3
4			48.16	47.46	47.25	47.22	47.88				48.25		4
5			48.08	47.46	47.12	47.20	47.86				48.30		5
6			48.13	47.44	47.22	47.08	47.81				48.29		6
7			48.06	47.49	47.18	46.99	47.75				48.31		7
8			48.15	47.54	47.20	47.07	47.73				48.16		8
9			48.03	47.56	47.12	47.36	47.79				48.22		9
10			48.00	47.43	47.07	47.53					48.28		10
11			48.18	47.42	47.00	47.68							11
12			48.03	47.51	47.12	47.96							12
13			47.94	47.42	47.15	48.05							13
14			48.00	47.37	47.08	48.12					48.39		14
15			48.01	47.31	47.19	48.19					48.38		15
16			47.85	47.37	47.10	48.27					48.43		16
17			47.91	47.41	47.05	48.37					48.55		17
18			47.95	47.40	47.10	48.38					48.50		18
19			47.88	47.32	47.11	48.38					48.29		19
20			47.80	47.31	47.13	48.32					48.34		20
21			47.79	47.25	47.15	48.20					48.36		21
22			48.02	47.25	47.16	48.12							22
23			47.91	47.37	47.16	48.06				48.22			23
24			47.75	47.32	47.13	48.02				48.12			24
25			47.88	47.13	47.13	48.20				48.13			25
26			47.67	47.16	47.14	48.19				48.23			26
27			47.52	47.22	47.18	48.10				48.31	49.23		27
28		48.29	47.73	47.22	47.14	47.99				48.26	49.25		28
29		48.20	47.66	47.18	47.09	47.87				48.23	49.18		29
30			47.49	47.14	47.05	47.82				48.23	49.31		30
31			47.49		47.03					48.21			31
MONTHLY SUMMARY-													
MEAN			47.92	47.36	47.12	47.81							MEAN
INST			47.42	47.09	46.98	48.96							INST
MAX			(30)	(25)	(2)	(8)							MAX
INST			48.32	47.56	47.29	48.39							INST
MIN			(1)	(9)	(4)	(19)							MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL #14  
TOWNSHIP OF WILMOT

WELL REC #1 6503056  
UTM CO-ORDS 2-17 E527650 N4805550  
LAT & LONG 43-24N04W R0-39W E8T

REC METHOD: 1F1 TYPE RECORDER  
REC COMMENT: JANUARY 1970  
MEASURE PT: 4.92 FEET ABOVE GROUND SURFACE  
GND FLV: 1160 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLUE CLAY SR; GRAY SILTY SAND S1.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 43 FEET  
LENGTH OF SCREEN: 8 FEET  
DEPTH OF WELL: 51 FEET

PUMP RATE: 40 GPM  
SPEC. CAP: 3.3 GPM/FT  
ADDITION: SILTY SAND AND CLAY  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			7.83	7.09	6.37	6.31		6.41		6.78	6.79	6.96	1
2			7.84	7.06	6.40	6.31		6.44		6.78	6.88	6.97	2
3			7.81	7.04	6.29	6.27		6.52	6.59	6.73	6.88	7.00	3
4			7.81	7.10	6.25	6.24		6.55	6.52	6.80	6.86	6.95	4
5			7.94	7.05	6.26	6.27		6.54	6.52	6.80	6.85	6.97	5
6	7.20		7.99	6.99	6.28	6.32		6.56	6.59	6.78	6.82	6.98	6
7	7.19		8.00	6.99	6.37	6.24		6.52	6.67	6.78	6.82	6.97	7
8	7.20		7.94	6.99	6.36	6.20		6.47	6.73	6.79	6.89	7.01	8
9	7.20		7.94	6.97	6.40	6.15		6.51	6.71	6.68	6.86	7.02	9
10	7.20		7.93	7.03	6.30	6.13		6.53	6.65	6.68	6.88	6.99	10
11	7.11	7.33	7.90	7.06	6.32	6.11		6.55	6.58	6.71	6.91	7.01	11
12	7.20	7.31	7.91	6.99	6.30	6.10		6.56	6.61	6.74	6.92	6.95	12
13	7.21	7.32	8.04	6.99	6.30	6.15		6.47	6.70	6.74	6.87	7.05	13
14	7.23	7.33		6.99	6.34	6.05		6.35	6.71	6.76	6.84	7.04	14
15	7.25	7.47		7.01	6.36	6.00		6.32	6.70	6.76	6.90	7.05	15
16		7.45		7.04	6.43	6.08		6.40	6.70	6.80	6.94	7.03	16
17		7.51		7.05	6.30	6.08		6.46	6.69	6.80	6.90	7.02	17
18		7.61		7.06	6.24	6.05		6.48	6.59	6.82	6.90	7.05	18
19		7.64		7.05	6.28	6.13		6.52	6.57	6.87	6.91	7.00	19
20		7.62	6.98	6.98	6.29	6.20		6.53	6.61	6.83	6.90	7.03	20
21			7.05		6.28	6.12		6.51	6.66	6.75	6.88	7.07	21
22			6.92		6.34			6.48	6.70	6.76	6.96	7.07	22
23			6.92		6.40			6.54	6.71	6.84	6.98	7.07	23
24		7.76	6.97		6.41			6.60	6.74	6.82	6.98	7.08	24
25		7.74	7.01		6.34			6.57	6.69	6.74	6.97	7.04	25
26		7.84	7.01		6.29			6.58	6.65	6.83	6.92	7.02	26
27		7.83	7.09		6.27		6.48	6.56	6.71	6.85	6.93	7.06	27
28		7.87	7.05	6.31	6.24		6.50		6.77	6.89	6.84	7.06	28
29		7.93	7.02	6.29	6.31		6.42		6.75	6.90	6.90	7.07	29
30			7.01	6.29	6.38		6.43		6.77	6.89	6.96	7.12	30
31			7.04		6.35		6.41			6.84		7.10	31

MONTHLY SUMMARY

MEAN					6.32					6.79	6.89	7.03	MEAN
INST					6.12					6.65	6.73	6.87	INST
MAX					(17)					(9)	(1)	(2)	MAX
INST					6.51					6.93	7.04	7.14	INST
MIN					(17)					(30)	(24)	(30)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL # 524  
TOWNSHIP OF WILMOT

WELL REC #1 6504745  
UTM CO-ORDS 2-17 E527640 N4804700  
LAT & LONG 43-24N04W R0-40W E8T

REC METHOD: 1F1 TYPE RECORDER  
REC COMMENT: JANUARY 1970  
MEASURE PT: 0.5 FEET ABOVE GROUND SURFACE  
GND FLV: 1150 FEET ABOVE SEA LEVEL  
WELL TYPE: DRG  
WELL LOG: OVERHURDEN

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 32 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 32 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
ADDITION: OVERHURDEN  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		30.89	30.14	28.61	28.89	29.15	30.06					32.10	1
2		30.89	30.13	28.61	28.91	29.16	30.08					32.10	2
3		30.89	30.12	28.61	28.93	29.17	30.09		30.41			32.10	3
4		30.89	30.06	28.60	28.96	29.18	30.11		30.42			32.11	4
5		30.89	30.01	28.60	28.96	29.19	30.12		30.43		31.95	32.11	5
6	31.05	30.89		28.60	28.99	29.20	30.13		30.45		31.96	32.11	6
7	31.04			28.61	29.00	29.20	30.15		30.47		31.96	32.12	7
8	31.04			28.61	29.01	29.21	30.16		30.48		31.96	32.12	8
9	31.04		29.71	28.61	28.99	29.22	30.18		30.50		31.97	32.13	9
10	31.04		29.67	28.60	28.99	29.23	30.19		30.52		31.98	32.13	10
11	31.02	30.79	29.64	28.63	28.99	29.24	30.21		30.53		31.99	32.14	11
12	31.00	30.79	29.58	28.64	29.01	29.26	30.22		30.55		31.99	32.15	12
13	31.00	30.79	29.55	28.62	29.02	29.28	30.23		30.57		32.00	32.15	13
14	30.99	30.80		28.63	29.02	29.29	30.23		30.58		32.01	32.15	14
15	30.99	30.79		28.63	29.03	29.31	30.24		30.59		32.01	32.16	15
16	30.99	30.77		28.65	29.03	29.32	30.24		30.60		32.02	32.17	16
17	30.98	30.71		28.67	29.03	29.35	30.26		30.61		32.03	32.17	17
18	30.98	30.66		28.67	29.04	29.36	30.25		30.62		32.05	32.18	18
19	30.98	30.60		28.68	29.05	29.38	30.25		30.64		32.04	32.18	19
20	30.97	30.55	29.28		29.05	29.41	30.24		30.65		32.04	32.18	20
21	30.96	30.50	29.20		29.05	29.43	30.27		30.66		32.05		21
22	30.95		29.11		29.06		30.28		30.66		32.06		22
23	30.95		29.02		29.07		30.29		30.67		32.06		23
24	30.95		28.92		29.08		30.30		30.69		32.07		24
25	30.95	30.33	28.85		29.09		30.31		30.70		32.07		25
26	30.90	30.30	28.78		29.09		30.32		30.71		32.08		26
27	30.90	30.24	28.72		29.10	29.99	30.34		30.72		32.09		27
28	30.90	30.20	28.70	28.87	29.11	30.00	30.35		30.73		32.09		28
29	30.90	30.16	28.68	28.88	29.11	30.02			30.74		32.10		29
30	30.90		28.65	28.89	29.12	30.04			30.76		32.10		30
31	30.90		28.63		29.13								31

MONTHLY SUMMARY

MEAN					29.03								MEAN
INST					28.89								INST
MAX					(1)								MAX
INST					29.14								INST
MIN					(31)								MIN

ENVIRONMENT ONTARIO  
TORONTO  
WELLINGTON COUNTY

OBSERVATION WELL 440  
TOWNSHIP OF FRANKS

CONC. 5 LOT 1

WELL REC #1 6700542  
UTM CO-ORDS 2-17 E471167 N4427731  
LAT & LONGS 43-36N08TH 80-07-E5T

REC METHOD: ASS RECORDER  
REC COMMOD: JUNE 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1175 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: FINE BROWN SAND AND SILT 10; DAMP DARK BROWN FINE SAND 16; FINE BROWN SAND AND SILT 26; SAND AND GRAVEL 29;  
BEDROCK 31.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 26 FEET  
LENGTH OF SCREEN: 5 FEET  
DEPTH OF WELL: 31 FEET

PUMP RATE: 38 IGPM  
SPEC. CAP: 2.38 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.00	11.50	7.81		1.91								1
2	11.95	11.50	7.45		1.86								2
3	11.90	11.51	7.12		1.92								3
4	11.88	11.53	6.84		1.98								4
5	11.87	11.54			1.94								5
6	11.83	11.53			2.01								6
7	11.80	11.51		2.08	1.89								7
8	11.78	11.49		2.16	1.83								8
9	11.76	11.52		2.20	1.78								9
10	11.75	11.50		2.19	1.78								10
11	11.71	11.50		2.26	1.77								11
12	11.68	11.52		2.35	1.85								12
13	11.65	11.52		2.36	1.90								13
14	11.62	11.53		2.40	1.92								14
15	11.62	11.49		2.43	2.00								15
16	11.59	11.40		2.33	2.01								16
17	11.59	11.29		2.32	1.96								17
18	11.60	11.20		2.34	2.01								18
19	11.59	11.07		2.35	2.05								19
20	11.58	10.94		2.41	2.11								20
21	11.57	10.77		2.42	2.18								21
22	11.56	10.54		2.44	2.27								22
23	11.55	10.29		2.52	2.33								23
24	11.55	10.01		2.54	2.38								24
25	11.56	9.73		2.44	2.44								25
26	11.57	9.80		2.40	2.53								26
27	11.56	8.99		2.37	2.60								27
28	11.54	8.59		2.25	2.65								28
29	11.52	8.16		2.09	2.69								29
30	11.52			1.99	2.74								30
31	11.52				2.78								31
MONTHLY SUMMARY													
MEAN	11.67	10.86			2.13								MEAN
INST	11.51	7.98			1.77								INST
MAX	(31)	(29)			(11)								MAX
INST	12.01	11.54			2.80								INST
MIN	(1)	(5)			(31)								MIN

ENVIRONMENT ONTARIO  
TORONTO  
WELLINGTON COUNTY

OBSERVATION WELL 432  
TOWNSHIP OF ERIN

CONC. 4 LOT 4

WELL REC #1 6700628  
UTM CO-ORDS 2-17 E478860 N4835010  
LAT & LONGS 43-40N08TH 80-04W5T

REC METHOD: ASS RECORDER  
REC COMMOD: MAY 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1200 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: VERY STONY TILL; SILTY, STONY TILL 30; FINE BROWN SILT SAND WITH STONES 35; GREY SILTY, STONY TILL 70; STONY,  
BUFF TILL 9%; COARSE SAND AND FINE GRAVEL 96; FINE TO MEDIUM GRAVEL 100; FINE TO MEDIUM SAND 105.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 95 FEET  
LENGTH OF SCREEN: 5 FEET  
DEPTH OF WELL: 100 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.95		41.72	37.05	37.36		39.37	40.65	41.67				1
2	43.94		41.51	36.99	37.28		39.43	40.71	41.73				2
3	43.91		41.30	37.00	37.23		39.41	40.78	41.77				3
4	43.89		41.16	37.01	37.29		39.55	40.82	41.77				4
5	43.89		40.98	37.01			39.59	40.84	41.80				5
6	43.89		40.79	37.03			39.64	40.87	41.88				6
7	43.86		40.54	37.09			39.67	40.94	41.94				7
8	43.85		40.37	37.18			39.68	40.99	41.98				8
9	43.86		40.24	37.24			39.71	41.02	42.02				9
10	43.86		40.07	37.28		38.32	39.73	41.08	42.05				10
11	43.85	43.65	39.99	37.29		38.25	39.73	41.12	42.09				11
12	43.84	43.66	39.97	37.38		38.18	39.73	41.15	42.14				12
13	43.84	43.66	39.80	37.44		38.25	39.78	41.17	42.22				13
14	43.84	43.67	39.71	37.46		38.32	39.84	41.19					14
15	43.85	43.62	39.67	37.49		38.47	39.89	41.20					15
16	43.85	43.58	39.60	37.51		38.55	39.93	41.20					16
17	43.51	40.49	37.52	37.52		38.65	39.98	41.19					17
18	43.45	40.49	37.54	37.54		38.75	40.05	41.18					18
19	43.32	39.50	37.56	37.56		38.79	40.14	41.19					19
20	43.28	39.42	37.58	37.58		38.84	40.16	41.20					20
21	43.21	39.07	37.60	37.60		38.91	40.19	41.21					21
22	43.01	38.76	37.60	37.60		38.99	40.25	41.23					22
23	42.91	38.46	37.67	37.67		39.07	40.28	41.28					23
24	42.77	38.12	37.73	37.73		39.15	40.31	41.34					24
25	42.63	37.82	37.72	37.72		39.15	40.37	41.39					25
26	42.49	37.62	37.72	37.72		39.21	40.42	41.42					26
27	42.33	37.39	37.70	37.70		39.30	40.44	41.46					27
28	42.08	37.27	37.68	37.68		39.33	40.40	41.50					28
29	41.88	37.24	37.58	37.58		39.34	40.44	41.55					29
30		37.20	37.50	37.50		39.35	40.59	41.64					30
31		37.12					40.61	41.66					31
MONTHLY SUMMARY													
MEAN			39.40	37.40			39.99	41.17					MEAN
INST			37.10	36.98			39.35	40.63					INST
MAX			(11)	(2)			(1)	(1)					MAX
INST			41.79	37.73			40.83	41.66					INST
MIN			(1)	(24)			(31)	(31)					MIN

ENVIRONMENT ONTARIO  
TORONTO  
WELLINGTON COUNTY

OBSERVATION WELL 131  
TOWNSHIP OF PUSLINCH

CONC. 11 LOT 4

WELL REC #1 6702409  
UTM CO-ORDS: Z=17 E56A05A N6822756  
LAT & LONG: 43-34NORTH 80-10WEST

REC METHOD: 1F1 TYPE RECORDER  
REC COMM: FEB 2 1965  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 1115 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: LOAM 1; GRAVEL, SAND AND BOULDERS 5; GRAVEL, CLAY AND BOULDERS 27; SAND, GRAVEL, CLAY 32; SAND 38; DARK HARD SHALE 53; GREY LIMESTONE 113; VERY SOFT LIMESTONE 115; GREY LIMESTONE 127; VERY SOFT LIMESTONE 131; HARD GREY LIMESTONE 13A.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 40.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 13A FEET

PUMP RATE: 700 GPM  
SPEC. CAP: 140 LPM/FT  
ADITFR: 1 LIMESTONE  
QUALITY: 1 FRFSH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		47.21	45.27		45.79	46.38	46.99		46.42	46.37	52.43	53.10	1
2		48.13	45.21	45.37	47.36	46.45	46.42		46.44	46.39	50.04	53.18	2
3		51.35		45.46	46.19	46.51	46.45		46.41	46.41	52.20	53.34	3
4		50.12		45.48	46.01	46.58	46.48		46.40	46.42	53.28	51.58	4
5		46.41		45.53	45.97	46.61			46.44	49.06	50.53	50.18	5
6		50.20		45.62	45.95	46.62			46.47	49.14	52.37	52.93	6
7		49.73		45.72	45.72	46.57			46.50	46.95	49.95	49.45	7
8		46.45	45.29	45.82	45.72	46.52			46.50	49.37	52.69	51.27	8
9		48.11	45.19	45.89	45.71	46.52			49.04	48.40	53.38	53.09	9
10		49.08	45.30	45.86	45.76	46.53			47.44	46.51	53.52	53.24	10
11		48.11	45.25	45.97	45.82	46.54			46.41	46.48	51.49	48.87	11
12		49.41	45.09	46.03	45.90	46.62			46.42	49.12	53.26	49.40	12
13		47.16	45.11	46.02	45.94	46.62			47.66	50.71	52.41	48.94	13
14		46.45	45.14	46.06	45.99	46.61			47.13	46.76	47.92	47.15	14
15		49.17	45.23	45.98	46.04	46.59			46.43	46.48	52.09	50.38	15
16		48.08	47.00	45.85	46.00	46.51			47.97	48.16	53.36	50.32	16
17		47.48	45.29	45.84	45.90	46.57		46.27	48.53	47.30	53.56	49.36	17
18		48.30	46.39	45.89	45.90	46.61		46.31	45.95	50.24	53.49	48.77	18
19		46.02	45.01	45.94	45.93	46.59		46.35	46.07	52.45	53.19	47.89	19
20		45.06	44.39	46.07	46.04	46.61		46.38	46.10	50.98	53.23		20
21		45.83	44.32	46.04	46.12	46.63		46.40	46.14	52.67	49.05	48.98	21
22		45.49	44.40	46.07	46.18	46.65		46.40	46.22	53.00	52.59		22
23		46.16	44.40	46.15	46.23	46.67		46.40	46.25	49.24	50.13		23
24		50.11	44.28	46.09	46.26	46.65		46.42	46.31	48.72	52.59		24
25		48.13	44.30	45.81	46.30	46.60		46.43	46.29	47.82	53.09		25
26		49.75	44.23	45.79	46.36	46.68		46.43	46.29	49.97	53.11		26
27		46.38	44.39	45.78	46.41	46.67		46.42	48.39	52.65	52.89		27
28		45.37	44.48	45.73	46.41	46.64		46.42	46.46	49.09	52.81		28
29		45.28	44.49	45.75	46.41	46.58		46.39	46.33	52.59	53.02		29
30			45.61	45.78	46.41	46.59		46.45	46.34	49.61	53.08		30
31	48.70				46.37			46.43		51.90			31
MONTHLY SUMMARY=													
MEAN		47.48			46.10	46.58			46.72	49.05	52.22		MEAN
INST		45.27			45.70	46.35			45.86	46.35	47.41		INST
MAX		(29)			(9)	(1)			(18)	(1)	(21)		MAX
INST		56.15			50.49	46.70			51.62	53.21	54.57		INST
MIN		(6)			(2)	(26)			(17)	(20)	(29)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
WELLINGTON COUNTY

OBSERVATION WELL 213  
TOWNSHIP OF PUSLINCH

CONC. 10 LOT 4

WELL REC #1 6704351  
UTM CO-ORDS: Z=17 E567300 N6822500  
LAT & LONG: 43-33NORTH 80-10WEST

REC METHOD: 1F1 TYPE RECORDER  
REC COMM: MAR 19 1968  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1050 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: CLAY AND BOULDERS 6; COARSE GRAVEL 11.

DIAMETER OF WELL: 20 INCHES  
LENGTH OF CASING: 11 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 11 FEET

PUMP RATE: N/A  
SPEC. CAP: N/A  
ADITFR: 1 OVERBURDEN  
QUALITY: 1 FRFSH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					6.61	6.54	6.53		9.12	9.25	9.24	9.19	1
2				6.74	6.60	6.54	6.53		9.12	9.25	9.24	9.14	2
3				6.74	6.60	6.54	6.53		9.12	9.26	9.24	9.19	3
4				6.74	6.60	6.54	6.53		9.13	9.26	9.24	9.19	4
5				6.73	6.59	6.54	6.53		9.13	9.26	9.24	9.19	5
6				6.73	6.59	6.53			9.14	9.26	9.24	9.19	6
7				6.73	6.57	6.53			9.15	9.25	9.24	9.20	7
8				6.73	6.57	6.53			9.16	9.25	9.24		8
9				6.73	6.57	6.53			9.17	9.25	9.24		9
10				6.72	6.57	6.53			9.17	9.25	9.24		10
11				6.72	6.56	6.53			9.18	9.25	9.24		11
12				6.72	6.56	6.53			9.19	9.25	9.24		12
13				6.71	6.56	6.53			9.20	9.25	9.24		13
14				6.71	6.56	6.53			9.20	9.24	9.24		14
15				6.69	6.56	6.53			9.20	9.24	9.24		15
16				6.68	6.55	6.53			9.22	9.25			16
17				6.67	6.54	6.53		9.10	9.22	9.25			17
18				6.66	6.54	6.53		9.10	9.21	9.25			18
19				6.66	6.54	6.52		9.10	9.21	9.25	9.20		19
20				6.66	6.54	6.52		9.11	9.21	9.25	9.20		20
21				6.65	6.54	6.53		9.11	9.21	9.24	9.20		21
22				6.65	6.54	6.53		9.11	9.22	9.24	9.20		22
23				6.65	6.54	6.53		9.11	9.23	9.24	9.20		23
24				6.65	6.54	6.53		9.11	9.23	9.24	9.20		24
25				6.63	6.54	6.52		9.11	9.24	9.24	9.20		25
26				6.62	6.54	6.53		9.11	9.24	9.24	9.20		26
27				6.62	6.54	6.53		9.11	9.24	9.25	9.19		27
28				6.62	6.54	6.53		9.11	9.25	9.25	9.19		28
29				6.61	6.54	6.53		9.11	9.25	9.25	9.19		29
30				6.61	6.54	6.53		9.11	9.25	9.24	9.19		30
31					6.54			9.11		9.24			31
MONTHLY SUMMARY=													
MEAN					6.56	6.53			9.19	9.25			MEAN
INST					6.54	6.52			9.11	9.24			INST
MAX					(31)	(25)			(1)	(23)			MAX
INST					6.61	6.54			9.25	9.26			INST
MIN					(1)	(4)			(30)	(4)			MIN





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Ontario

## OBSERVATION WELL DATA

## REGIONAL OFFICE

DON MILLS  
150 Ferrand Dr.  
416-424-3000

## DISTRICT OFFICES

Barrie  
12 Fairview Rd.  
705-726-1730

Muskoka-Haliburton  
Gravenhurst Shopping  
Centre  
705-687-3408

Peterborough  
139 George St. N.  
705-743-2972

Halton-Peel  
125 Cross Ave. Oakville  
416-822-2566

## LEGEND

Regional Office



District Office



Recording Observation Well

Number of Recording Wells  
in same location

Manually Measured Well

Number of Manually Measured Wells  
in same location

OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 302  
TOWNSHIP OF PICKERING

CONC. 7 LOT 21

WELL REC #: 4605198  
UTM CO-ORD: 2-17 E650180 N4866820  
LAT & LONG: 43-57NORTH 79-06WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JUN 9 1970  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 830 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: TILL OVERBURDEN 20.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 20 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: TILL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.07				3.36	4.91	3.72	3.61	3.98	1
2								3.46	4.82	3.75	3.60	4.31	2
3								3.53	4.77	3.80	3.57		3
4								3.60	4.77	3.93	3.59		4
5								3.75	4.82	4.04	3.61		5
6			0.68						4.89	4.03	3.60		6
7			0.65						4.97	3.69	3.62		7
8			0.61				5.06			3.57	3.67		8
9			0.58				5.02			3.54	3.72		9
10		4.01	0.56				4.99	4.11		3.43	3.72		10
11		4.02	0.56				5.00	4.25		3.53	3.71		11
12		3.87	0.53				5.03	4.34		3.56	3.81		12
13		3.69	0.50				5.04	4.23		3.56	3.86		13
14		3.46	0.50				5.04	3.64		3.61	3.80		14
15		3.13	0.56				5.09	3.59	5.14	3.59	3.76		15
16			0.56				5.15	3.71	5.19	3.66	3.96		16
17		2.56	0.67				5.19	3.86	5.22	3.69	4.00		17
18			0.67				5.20	4.07	4.65	3.75	3.97		18
19			0.78				5.13	4.28	3.79	3.80	3.86		19
20			0.74				5.16	4.39	3.71	3.66	3.77		20
21		2.65	0.45				5.13	4.54	3.65	3.37	3.75		21
22			0.36				4.49	4.67	3.71	3.34	3.89		22
23	4.62		0.59				4.02	4.79	3.68	3.38	4.02		23
24	4.63		0.60				4.12	4.91	3.69	3.41	4.09		24
25	4.64		0.63				4.28	5.01	3.73	3.44	4.13		25
26	4.62		0.71				4.44	5.09	3.73	3.47	4.08		26
27	4.34		0.93				4.45	5.15	3.49	3.48	3.67		27
28	3.93		1.04				3.79	5.16	3.55	3.51	3.55		28
29	3.70		1.08				3.40	4.98	3.61	3.53	3.60		29
30	3.67		1.07				3.00	4.88	3.68	3.56	3.70		30
31	3.65		1.05				3.21	4.89		3.58			31

-MONTHLY SUMMARY-

MEAN										3.61	3.78		MEAN
INST										3.32	3.54		INST
MAX										(21)	(28)		MAX
INST										4.05	4.14		INST
MIN										( 5)	(25)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 303  
TOWNSHIP OF PICKERING

CONC. 1 LOT 27

WELL REC #: 4605199  
UTM CO-ORD: 2-17 E651900 N4853850  
LAT & LONG: 43-49NORTH 79-07WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JUN 4 1970  
MEASURE PT: 0.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 330 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: OVERBURDEN 44.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 44 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 44 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						5.29							1
2						5.09							2
3						5.04							3
4						5.11							4
5						5.26							5
6						5.35							6
7						5.38							7
8						5.35							8
9						5.37							9
10						5.44							10
11						5.49							11
12						5.54							12
13						5.63							13
14						5.71							14
15					4.94								15
16					5.03								16
17					5.09								17
18					4.75								18
19					4.69								19
20					4.80								20
21					4.91								21
22					5.01								22
23					5.07								23
24					5.12								24
25					5.16								25
26					5.20								26
27					5.24								27
28					5.32								28
29					5.42								29
30					5.49								30
31					5.54								31

-MONTHLY SUMMARY-

MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENTAL ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 304

TOWNSHIP OF PICKERING

CONC. 4 LOT 13

WELL REC #: 4605089  
UTM CO-ORD: Z-17 E655500 N4862054  
LAT & LONG: 43-54N101W 79-08W08E1

WELL METHOD: STEEL TAPE  
REC COMPLETION: DEC 29 1970  
MEASURE PT: 3.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 375 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SAND 2; GREY CLAY 14.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 12 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 14 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	15/ 1.46	25/ 0.44	28/ 0.94		25/ -0.87						

ENVIRONMENTAL ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 329

TOWNSHIP OF PICKERING

CONC. 7 LOT 2

WELL REC #: 4605090  
UTM CO-ORD: Z-17 E653700 N4869024  
LAT & LONG: 43-58N010W 79-08W08E1

WELL METHOD: STEEL TAPE  
REC COMPLETION: DEC 21 1970  
MEASURE PT: 5.3 FEET ABOVE GROUND SURFACE  
GND ELEV: 612 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN FINE SAND, SILT 1; GREY CLAY, SILT, SAND AND PEBBLES 16.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 16 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 16 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		25/ 7.46	28/ 7.70		25/ 6.05						

ENVIRONMENTAL ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 330

TOWNSHIP OF PICKERING

CONC. 7 LOT 12

WELL REC #: 4605544  
UTM CO-ORD: Z-17 E653750 N4869000  
LAT & LONG: 43-58N010W 79-08W08E1

WELL METHOD: STEEL TAPE  
REC COMPLETION: NOV. 30 1970  
MEASURE PT: 3.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 612 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN FINE SAND AND SILT 08; STONEY GREY TILL, CLAY 40.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 37 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 40 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: TILL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		25/ 22.44	28/ 22.70		25/ 23.40						

ENVIRONMENTAL ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 331

TOWNSHIP OF PICKERING

CONC. 7 LOT 12

WELL REC #: 4605545  
UTM CO-ORD: Z-17 E653750 N4869000  
LAT & LONG: 43-58N010W 79-08W08E1

WELL METHOD: STEEL TAPE  
REC COMPLETION: NOV. 30 1970  
MEASURE PT: 3.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 915 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN FINE SAND AND SILT 01; STONEY GREY TILL, CLAY 58; GREY MEDIUM SAND AND CLAY LAYERS 73.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 70 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 73 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		25/ 25.42	28/ 25.90		25/ 26.64						

ENVIRONMENTAL ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 332

TOWNSHIP OF PICKERING

CONC. 7 LOT 12

WELL REC #: 4605546  
UTM CO-ORD: Z-17 E653650 N4868950  
LAT & LONG: 43-58N010W 79-08W08E1

WELL METHOD: STEEL TAPE  
REC COMPLETION: NOV. 30 1970  
MEASURE PT: 4.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 623 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK TOP SOIL 01.5; MEDIUM FINE SILTY BROWN SAND 18; GREY, STONEY, SILTY CLAY 42; GREY CLAY WITH FINE SMALL STONES 65; GREY SILT SAND WITH CLAY LAYERS 80; SILT SAND AND PEBBLES 95; FINE SILT SAND, SOME CLAY 148; GREY BROWN SAND AND FINE GRAVEL 157.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 154 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 157 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		25/ 10.46	28/ 10.51		25/ 10.96						

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 335  
TOWNSHIP OF PICKERING

CONC. 7 LOT 12

WELL REC #: 4605547  
UTM CO-ORD: Z=17 E654650 N4608950  
LAT & LONG: 43-54N08W 79-06E01

REC METHOD: STEEL TAPE  
REC COMPCD: NCV. 30 1970  
MEASURE PT: 4.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 622 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK TOP SOIL 01.5; MEDIUM FINE SILTY BROWN SAND 18; GREY, STONEY, SILTY CLAY 42; GREY CLAY WITH FEW SMALL

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 235 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 238 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	25/ 9.51	28/ 9.60			25/ 10.10						

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 336  
TOWNSHIP OF PICKERING

CONC. 4 LOT 13

WELL REC #: 4605087  
UTM CO-ORD: Z=17 E655500 N4608200  
LAT & LONG: 43-54N08W 79-04E01

REC METHOD: STEEL TAPE  
REC COMPCD: NCV. 30 1970  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 375 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SAND 02; GREY SILTY CLAY 22; GREY SAND, SILT, CLAY, STONES 40; GREY SAND, SILT, CLAY 48.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 44 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 47 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	13/ 38.39	25/ 37.50	28/ 38.01		25/ 38.52						

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 337  
TOWNSHIP OF PICKERING

CONC. 4 LOT 13

WELL REC #: 4605548  
UTM CO-ORD: Z=17 E655520 N4608200  
LAT & LONG: 43-54N08W 79-04E01

REC METHOD: STEEL TAPE  
REC COMPCD: NCV. 30 1970  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 379 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SAND 02; GREY SILTY CLAY 22; GREY SAND, SILT, CLAY, STONES 40; GREY SAND, SILT, SILT WITH CLAY STREAKS 50; GREY SANDY TILL 73; GREY CLAY 76; GREY SANDY SILTY TILL 89; BLACK SHALE 92.

DIAMETER OF WELL: 2 INCHES  
LENGTH OF CASING: 89 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 92 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	13/ 37.25	25/ 36.69	28/ 36.94		25/ 36.82						

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 405

TOWNSHIP OF PICKERING

CONC. 6

LOT 20

WELL REC #: 4405830  
UTM CO-ORD: Z-17 E651608 N4864396  
LAT & LONG: 43-55NCPH 79-06WEST

REC METHOD: A35 RECORDER  
REC COMM: MAY 16 1974  
MEASURE PT: 3.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 663 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SANDY CLAY, GRAVEL 35; SAND, FINE GRAVEL, SILTY CLAY 40; GRAY FINE SAND, SILT 40; GRAVEL, SAND, BOULDER 82; GRAY CLAY, SAND 97.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 83.6 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 86.6 FEET

PUMP RATE: 12 IGPM  
SPEC. CAP: .447 ICFM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		28.33	28.45	30.88	29.94	29.02	29.45			30.57	30.99	31.40	1
2		28.28	28.47	30.94	29.74	29.23	29.68			30.61	30.94	31.21	2
3		27.92	28.75	31.05	29.84	29.27	29.80			30.61	30.76	31.48	3
4		27.92	28.81	30.86	30.16	29.32	29.82			30.68	30.83	31.36	4
5		27.73	25.09	30.78	29.91	29.34	29.78	29.79		30.63	30.88	31.44	5
6	28.16	25.07	28.63	30.66	29.95	29.08	29.76	29.83		30.58	30.83	31.37	6
7	28.40	28.21	25.02	30.80	30.03	28.89	29.67	29.94		30.65	30.89	31.03	7
8	28.33	28.47	28.64	30.85	29.99	28.92	29.66	29.85		30.69	31.00	31.30	8
9	28.23	27.91	25.04	30.89	29.81	28.99	29.85	29.91		30.58	30.86	31.54	9
10	28.07	28.04	29.28	30.58	29.68	29.02	29.75	29.98		30.68	30.76	31.33	10
11	28.26	28.15	25.17	30.52	29.47	28.90	29.48	30.04		31.00	31.10	31.40	11
12	28.26	27.80	29.07	30.83	29.53	29.24	29.51	25.87		31.00	31.17	31.18	12
13	28.23	28.05	29.83	30.60	29.62	29.29	29.60	29.80		30.66	31.14	31.48	13
14	28.39	27.68	29.37	30.52	29.39	29.22	29.77	29.85		30.64	31.02	31.43	14
15	28.08	28.05	25.39	30.45	29.48	29.15	29.79	29.89	30.40	30.63	31.08	31.30	15
16	28.39	28.20	25.56	30.51	29.32	29.10	29.72	29.99	30.42	30.94	31.16	31.30	16
17	28.17	28.19	25.76	30.64	29.09	29.40	29.77	30.07	30.37	31.14	31.04	31.22	17
18	27.96	28.08	29.44	30.59	29.15	29.49	29.87	30.06	30.26	31.14	30.74	31.64	18
19	28.02	28.72	29.75	30.42	29.09	29.30			30.34	31.12	30.85	31.51	19
20	28.35	27.88	29.77	30.39	29.02	29.37			30.25	30.84	31.04	31.16	20
21	28.35	27.93	30.10	30.32	29.10	29.47			30.27	30.58	31.02	31.42	21
22	28.27	28.41	29.42	30.19	29.17	29.51			30.37	30.80	30.99	31.66	22
23	28.04	27.97	29.53	30.47	29.15	29.60			30.48	31.12	31.20	31.46	23
24	28.18	28.14	29.67	30.50	29.06	29.49			30.67	31.07	31.24	31.70	24
25	27.91	28.24	30.29	30.28	29.07	29.25			30.52	30.92	31.19	31.55	25
26	28.15	28.34	30.21	30.74	29.13	29.51			30.43	30.98	31.06	31.40	26
27	28.01	28.43	30.60	30.41	29.20	29.65			30.34	31.10	31.01	31.48	27
28	28.10	28.56	30.33	30.41	29.18	29.59			30.50	30.97	31.24	31.45	28
29	28.39	28.57	30.14	30.33	29.06	29.48			30.41	30.79	31.23	31.49	29
30	28.08		30.51	30.23	29.03	29.48			30.45	30.81	31.30	31.75	30
31	28.34		30.72		28.94					30.66		31.68	31
-MONTHLY SUMMARY-													
MEAN		28.12	29.54	30.57	29.43	29.29				30.81	31.02	31.42	MEAN
INST		27.61	28.31	30.11	28.92	28.88				30.49	30.66	30.94	INST
MAX		(14)	(2)	(30)	(31)	(7)				(1)	(9)	(7)	MAX
INST		28.73	30.80	31.12	30.23	29.69				31.19	31.38	31.78	INST
MIN		(29)	(31)	(3)	(4)	(27)				(24)	(30)	(30)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 406

TOWNSHIP OF PICKERING

CONC. 8

LOT 24

WELL REC #: 4605831  
UTM CO-ORD: Z-17 E646822 N4868413  
LAT & LONG: 43-57NCPH 79-09WEST

REC METHOD: A35 RECORDER  
REC COMM: MAY 28 1974  
MEASURE PT: 3.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 793 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SANDY CLAY, GRAVEL 9; GRAY CLAY, GRAVEL 24; GRAY SANDY CLAY, GRAVEL 30; GRAY FINE SAND 38; GRAY CLAY AND SOME GRAVEL 44; GRAY FINE SAND 46; GRAY SAND, GRAVEL, CLAY 50; GRAY SANDY CLAY 52; GRAY SAND, CLAY AND GRAVEL LAYERS 60; GRAY CLAY, SAND AND GRAVEL 203; SAND, GRAVEL 237; GRAY CLAY 263; SAND AND GRAVEL 264; BLACK SAND AND GRAVEL 296; BLACK SHALE 305.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 51 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 305 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									2.67	2.00	1.76	2.17	1
2									2.63	2.08	1.83	2.08	2
3									2.65	2.14	1.82	2.12	3
4									2.64	2.26	1.82	2.22	4
5									2.58	2.30	1.84	2.31	5
6									2.65	2.28	1.85	2.48	6
7									2.74	2.21	1.87	2.53	7
8									2.76	2.18	1.95	2.59	8
9									2.76	2.01	2.00	2.75	9
10									2.74	1.92	1.98	2.74	10
11									2.72	1.95	2.06	2.74	11
12									2.82	1.95		2.71	12
13									2.94	1.85		2.81	13
14									2.94	1.82		2.84	14
15									2.92	1.84		2.79	15
16									2.93	1.96		2.78	16
17								1.92	2.93	2.12		2.75	17
18								2.01	2.79	2.20	2.31	2.82	18
19								2.09	2.54	2.25	2.24	2.90	19
20								2.15	2.32	2.21	2.22	2.75	20
21								2.20	2.14	1.98	2.23	2.67	21
22								2.23	2.08	1.88	2.26	2.81	22
23								2.27	2.09	1.87	2.27	2.83	23
24								2.38	2.09	1.86	2.28	2.88	24
25								2.49	2.09	1.72	2.37	2.91	25
26								2.51	2.07	1.68	2.43	2.89	26
27								2.54	1.96	1.73	2.44	2.87	27
28								2.54	1.95	1.74	2.44	2.87	28
29								2.54	1.91	1.74	2.37	2.88	29
30								2.57	1.90	1.74	2.22	3.02	30
31								2.65		1.70		3.06	31
-MONTHLY SUMMARY-													
MEAN									2.50	1.97		2.70	MEAN
INST									1.89	1.68		2.07	INST
MAX									(29)	(25)		(2)	MAX
INST									2.96	2.30		3.06	INST
MIN									(13)	(5)		(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 512

TOWNSHIP OF PICKERING

CONC. 5

LOT 23

WELL REC #: N4606003  
UTM CO-ORD: 2-17 F651870 N4862274  
LAT & LONG: 43-44NORTH 79-07WEST

REC METHOD: A35 RECORDER  
REC COMMCD: OCT 29 1974  
MEASURE PT: 3.65 FEET ABOVE GROUND SURFACE  
GND ELEV: 630 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SILTY SAND, TILL 12; GREY SILT SAND, TILL 55; GREY STONEY SAND, TILL 100; GREY FINE SAND 128; GREY SILT, TILL 152; GREY FINE TO MEDIUM SAND, STONES 256; GREY CLAY AND SHALE FRAGMENTS, TILL 266; LAYERED LIMESTONE AND SHALE 271.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 163 FEET  
LENGTH OF SCREEN: 9 FEET  
DEPTH OF WELL: 171 FEET

PUMP RATE: 13 IGPM  
SPEC. CAP: 6.5 IGPM/FT  
AQUIFER: FINE SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.09	26.92	26.56	25.98	25.69	25.38	25.51	25.75	26.04	26.05		26.35	1
2	27.12	26.90	26.91	25.97	25.61	25.41	25.51	25.78	26.04	26.07		26.39	2
3	27.04	26.97	26.82	25.98	25.56	25.46	25.56	25.82	26.04	26.09		26.44	3
4	27.06	27.06	26.75	25.97	25.60	25.55	25.60	25.83	26.04	26.11		26.47	4
5	27.17	27.20	26.65	25.92	25.57	25.63	25.63	25.83	26.03	26.14		26.52	5
6	27.16	27.20	26.67	25.89	25.57	25.63	25.66	25.83	26.04	26.12		26.53	6
7	27.09	27.11	26.63	25.90	25.56	25.56		25.83	26.05	26.10		26.42	7
8	27.06	26.95	26.65	25.94	25.60	25.52		25.83	26.05	26.10		26.41	8
9	27.06	27.08	26.63	25.99	25.60	25.50		25.83	26.06	26.06	26.23	26.47	9
10	27.13	27.04	26.57	25.95	25.59	25.47		25.83	26.02	26.03	26.16	26.48	10
11	27.09	27.01	26.58	25.93	25.52	25.43		25.83	25.94	26.09	26.19	26.49	11
12	27.05	27.10	26.56	25.98	25.48	25.47		25.83	26.01	26.13	26.25	26.42	12
13	27.00	27.12	26.35	25.97	25.51	25.51		25.82	26.09	26.10	26.27	26.45	13
14	26.93	27.27	26.43	25.94	25.52	25.47		25.82	26.13	26.04	26.28	26.45	14
15	26.99	27.20	26.45	25.88	25.51	25.44		25.82	26.15	25.98	26.28	26.39	15
16	26.92	27.15	26.38	25.86	25.46	25.42		25.82	26.16	26.00	26.31	26.34	16
17	26.99	27.11	26.34	25.86	25.39	25.46		25.83	26.14	26.07	26.29	26.27	17
18	27.12	27.05	26.36	25.87	25.38	25.50		25.90	26.07	26.21	26.21	26.35	18
19	27.16	26.96	26.30	25.86	25.32	25.50		25.99	26.04	26.17	26.17	26.34	19
20	27.12	27.08	26.26	25.86	25.31	25.51		26.01	25.97	26.17	26.17	26.21	20
21	27.04	27.09	26.25	25.82	25.31	25.55		26.01	25.93	26.16	26.16	26.21	21
22	27.02	26.97	26.37	25.76	25.31	25.59		26.02	25.92	26.16	26.16	26.28	22
23	27.05	27.07	26.39	25.77	25.32	25.65		26.02	25.94	26.19	26.19	26.26	23
24	27.04	27.07	26.36	25.79	25.35	25.64		26.02	26.02	26.25	26.25	26.28	24
25	27.12	27.06	26.29	25.71	25.39	25.53		26.02	26.03	26.26	26.26	26.29	25
26	27.08	27.04	26.26	25.66	25.41	25.56		26.02	26.03	26.25	26.25	26.26	26
27	27.12	27.01	26.12	25.70	25.47	25.61		26.02	26.03	26.19	26.19	26.23	27
28	27.10	26.96	26.16	25.72	25.50	25.64		25.98	26.03	26.21	26.21	26.27	28
29	27.01	26.93	26.22	25.74	25.50	25.61	25.81	25.97	26.04	26.25	26.18	26.18	29
30	27.02		26.15	25.74	25.47	25.55	25.78	26.00	26.03	26.30	26.21	26.21	30
31	27.04		26.08		25.40		25.75	26.04				26.22	31

-MONTHLY SUMMARY-													
MEAN	27.06	27.06	26.45	25.86	25.48	25.52		25.90	26.04			26.35	MEAN
INST	26.86	26.87	26.01	25.63	25.31	25.38		25.75	25.91			26.17	INST
MAX	(13)	(1)	(31)	(25)	(19)	(1)		(1)	(22)			(29)	MAX
INST	27.19	27.32	26.95	26.01	25.73	25.66		26.04	26.16			26.55	INST
MIN	(19)	(15)	(2)	(1)	(1)	(24)		(31)	(17)			(6)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 301

TOWNSHIP OF UXBRIDGE

CONC. 4

LOT 1

WELL REC #: 4605197  
UTM CO-ORD: 2-17 E648450 N4872000  
LAT & LONG: 43-59NORTH 79-09WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JUN 3 1970  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 935 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: OVERBURDEN 18; SAND AND GRAVEL 23.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 23 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 23 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									17.37	17.48	17.63	18.22	1
2									17.44	17.50	17.59	18.14	2
3									17.43	17.52	17.53	18.07	3
4									17.38		17.58	18.01	4
5									17.45	17.54	17.60	17.97	5
6									17.53	17.52	17.59	17.91	6
7									17.54	17.52	17.62	17.76	7
8									17.52	17.52	17.65	17.84	8
9									17.49	17.45	17.61	17.90	9
10									17.42	17.44	17.60	17.82	10
11									17.44		17.70	17.87	11
12								17.00	17.52		17.72	17.80	12
13								16.99	17.55		17.76	17.91	13
14								17.00	17.54		17.68	17.87	14
15								17.01	17.54	17.52	17.73	17.85	15
16								17.06	17.54	17.63	17.89	17.85	16
17								17.11	17.54	17.65	17.97	17.84	17
18								17.13	17.48	17.66	18.08	17.96	18
19								17.17	17.44	17.64	18.27	17.88	19
20								17.18	17.41	17.55	18.48	17.79	20
21								17.19	17.40	17.46	18.60	17.88	21
22								17.21	17.40	17.53	18.73	17.92	22
23								17.26	17.45	17.58	18.75	17.87	23
24								17.33	17.48	17.53	18.67	17.93	24
25								17.34	17.46	17.49	18.60	17.90	25
26								17.34	17.44	17.54	18.49	17.88	26
27								17.35	17.41	17.59	18.39	17.92	27
28								17.35	17.43	17.54	18.36	17.93	28
29								17.36	17.44	17.52	18.26	17.95	29
30								17.41	17.44	17.54	18.24	18.11	30
31								17.40		17.52		18.24	31

-MONTHLY SUMMARY-													
MEAN									17.46		18.01	17.93	MEAN
INST									17.36		17.53	17.73	INST
MAX									(1)		(2)	(7)	MAX
INST									17.56		18.77	18.31	INST
MIN									(8)		(22)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 414  
TOWNSHIP OF ESQUEWING

CONC. 3 LOT 16

WELL REC #: 2800938  
UTM CO-ORD: Z-17 F582900 N4826900  
LAT & LONG: 43-35NCRTH 79-59WEST

REC METHOD: A35 RECORDER  
REC COMMCD: AUGUST 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1075 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN SAND AND STONES 5; WHITE GREY LIMESTONE 25; GREY BLACK LIMESTONE 38.5.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 9.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 38.5 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												5.77	1
2												5.82	2
3												6.01	3
4												6.00	4
5												6.09	5
6												6.02	6
7												5.97	7
8												6.14	8
9												6.30	9
10												6.17	10
11												6.35	11
12												6.17	12
13												6.45	13
14												6.31	14
15												6.40	15
16												6.35	16
17												6.38	17
18												6.51	18
19											5.92	6.47	19
20											6.06	6.28	20
21											6.03	6.24	21
22												6.25	22
23												6.21	23
24												6.42	24
25												6.34	25
26												6.32	26
27											5.88	6.42	27
28											5.73	6.39	28
29											5.64		29
30											5.72		30
31													31

-MONTHLY SUMMARY-

MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 437  
TOWNSHIP OF ESQUEWING

CONC. 1 LOT 26

WELL REC #: 2800686  
UTM CO-ORD: Z-17 F576800 N4828000  
LAT & LONG: 43-36NCRTH 80-03WEST

REC METHOD: A35 RECORDER  
REC COMMCD: MAY 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1200 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY TILL 4.5; BEDROCK 50.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 26 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 50 FEET

PUMP RATE: 4 IGPM  
SPEC. CAP: 0.41 IGPM/FT  
AQUIFER: ROCK  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.39	2.50	-0.09	-0.50	-0.18		2.67	3.64		2.89	2.42	3.24	1
2	2.31	2.64	0.03	-0.38	-0.13		2.74	3.70		3.00	2.44	3.28	2
3	2.30	2.76	0.10	-0.26	-0.11		2.80	3.79		3.13	2.48	3.41	3
4	2.46	2.87	0.13	-0.14	0.05		2.87	3.84		3.22	2.60	3.44	4
5	2.61	2.76	-0.41	-0.03	0.12		2.95	3.86		3.27	2.68	3.55	5
6	2.67	2.94	-0.47	0.05	-0.06		3.01	3.98		3.30	2.72	3.56	6
7	2.70	2.95	-0.10	0.16	-0.52		2.93	4.05		3.27	2.79	3.56	7
8	2.78	3.11	-0.15	0.23	-0.35		2.08	4.10		3.26	2.85	3.64	8
9	2.87	3.18	-0.03	0.30	-0.22		2.22	4.13		3.22	2.86	3.73	9
10	3.00	3.09	0.06	0.30	-0.07	2.23	2.34	4.19		3.20	2.94	3.73	10
11	2.98	2.95	0.17	0.41	-0.07	2.30	2.35	4.22		3.24	3.04	3.80	11
12	3.09	2.78	0.11	0.53	0.03	2.49	2.46	4.23		3.24	3.13	3.78	12
13	3.05	2.50	-0.31	0.54	0.20	2.54	2.50	4.21		3.24	3.18	3.89	13
14	3.16	2.08	-0.19	0.60	0.26	2.58	2.74	3.97		3.28	3.22	3.87	14
15	3.24	1.44	-0.07	0.30	0.33	2.64	2.83	3.88		3.31	3.26	3.91	15
16	3.17	0.42	-0.05	-0.28	0.28	2.69	2.90	3.92		3.45	3.33	3.93	16
17	3.30	0.18	0.14	-0.06	0.13	2.78	3.01	4.01		3.53	3.32	3.96	17
18	3.38	-0.01	0.24	0.09	0.25	2.84	3.14	4.10		3.62	3.36	4.08	18
19	3.36	-0.05	-0.08	0.23	0.34	2.87	3.26	4.18		3.64	3.41	4.05	19
20	3.35	0.11	-0.68	0.35	0.47	2.89	3.32	4.25		3.55	3.48	3.86	20
21	3.35	0.02	-0.63	0.41	0.61	2.95	3.28	4.32		3.25	3.49	3.75	21
22	3.40	-0.21	-0.42	0.36	0.73	3.01	3.38	4.37		3.09	3.55	3.75	22
23	3.44	0.01	-0.38	0.47	0.85	3.10	3.44			2.70	3.63	3.75	23
24	3.48	0.05	-0.42	0.51	0.98	3.12	3.54			2.33	3.66	3.85	24
25	3.57	-0.15	-0.47	-0.19	1.06	2.98	3.62		2.34	2.46	3.69	3.85	25
26	3.09	-0.31	-0.37	-0.29	1.17	3.05	3.67		2.58	2.58	1.98	3.91	26
27	2.67	-0.26	-0.44	-0.34	1.28	2.96	3.72		2.51	2.05	3.79	3.94	27
28	2.51	-0.17	-0.35	-0.46	1.38	3.02	3.82		2.58	2.10	3.79	4.01	28
29	2.44	-0.18	-0.27	-0.37	1.49	3.05	3.81		2.64	2.18	3.18	4.01	29
30	2.51		-0.25	-0.26	1.58	2.88	3.79		2.77	2.29	3.19	4.08	30
31	2.53		-0.35		1.54		3.75			2.33		4.11	31

-MONTHLY SUMMARY-

MEAN	2.94	1.38	-0.20	0.38	0.43		3.07			2.97	3.14	3.78	MEAN
INST	2.27	-0.34	-0.77	-0.56	-0.61		2.03			1.96	2.38	3.23	INST
MAX	( 2 )	(26)	(20)	( 1 )	( 7 )		( 8 )			(26)	( 1 )	( 1 )	MAX
INST	3.50	3.20	0.25	0.64	1.60		3.85			3.65	3.70	4.15	INST
MIN	(25)	( 9 )	(19)	(15)	(31)		(29)			(19)	(26)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 377  
TOWN OF GEORGETOWN

CONC. - LOT -

WELL REC #: 2804289  
UTM CO-ORD: Z-17 F586240 N4832900  
LAT & LONG: 43-39NORTH 79-56WEST

REC METHOD: A35 RECORDER  
REC COMMD: APR 26 1973  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 860 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: RED CLAY, SAND AND GRAVEL 27; FINE SAND 80; COARSE SAND 109.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 87 FEET  
LENGTH OF SCREEN: 22 FEET  
DEPTH OF WELL: 109 FEET

PUMP RATE: 45 IGPM  
SPEC. CAP: N.A.  
AQUIFER: COARSE SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.16	11.76	11.08		4.20			4.38	5.27	5.56	6.66	7.28	1
2	11.13	11.84	11.00		4.10			4.51	5.36	5.92	6.67	7.31	2
3	11.19	11.88	10.92	6.36	4.12			4.60	5.32	5.89	6.68	7.35	3
4	11.16	11.89	10.84	6.22	4.08			4.56	5.37	5.98		7.35	4
5	11.23	11.91	10.74	6.16	4.02			4.63	5.35	6.04		7.34	5
6	11.37	11.92	10.57	6.07	3.99			4.65	5.37	6.03		7.34	6
7	11.36	11.93	10.38	5.97				4.64	5.48	6.11		7.40	7
8	11.39	11.94	10.34	5.87				4.63	5.50	6.10		7.46	8
9	11.43	11.96	10.36	5.72				4.69	5.52	6.05		7.49	9
10	11.45	11.99	10.15	5.56				4.77	5.56	6.02		7.48	10
11	11.41	12.01	10.07	5.41				4.80	5.59	6.13		7.52	11
12	11.48	12.02	9.96	5.38				4.77	5.61	6.19		7.45	12
13	11.50	12.04	9.87	5.26				4.67	5.93	6.19		7.45	13
14	11.52	12.04	9.67	5.24				4.68	5.64	6.21		7.45	14
15	11.55	11.93	9.60	5.00				4.69	5.95	6.22		7.54	15
16	11.51	11.96	9.32	4.24				4.77	5.79	6.31	6.93	7.60	16
17	11.57	11.91	9.27	4.79				4.85	5.75	6.30	6.93	7.63	17
18	11.59	11.86	9.23	4.67				4.88	5.44	6.40	6.95	7.68	18
19	11.62	11.83	9.12	4.74				4.96	5.45	6.38	6.98	7.59	19
20	11.64	11.79	8.91	4.73				4.97	5.54	6.40	7.02	7.59	20
21	11.66	11.72	8.61	4.68				4.99	5.64	6.41	7.04	7.72	21
22	11.69	11.59	8.39	4.63				4.97	5.64	6.45	7.07	7.74	22
23	11.72	11.52	8.24	4.64				5.08	5.71	6.44	7.11	7.77	23
24	11.73	11.49	8.05	4.57				5.09	5.76	6.42	7.15	7.78	24
25	11.73	11.46		4.28				5.09	5.75	6.43	7.16	7.72	25
26	11.73	11.40		4.27				5.11	5.76	6.51	7.17	7.50	26
27	11.73	11.33		4.28				5.15	5.79	6.50	7.16	7.69	27
28	11.74	11.24		4.27				5.11	5.79	6.53	7.16	7.77	28
29	11.74	11.10		4.26			4.42	5.15	5.83	6.58	7.20	7.80	29
30	11.74			4.24			4.41	5.26	5.85	6.63	7.26	7.84	30
31	11.75						4.30	5.23		6.59		7.85	31
-MONTHLY SUMMARY-													
MEAN	11.52	11.77						4.85	5.61	6.26		7.57	MEAN
INST	10.31	10.31						3.43	4.35	4.71		6.44	INST
MAX	( 1)	(29)						( 1)	( 1)	( 1)		( 5)	MAX
INST	12.87	12.04						5.30	9.39	7.48		7.92	INST
MIN	( 6)	(14)						(31)	(13)	( 1)		(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 438  
TOWNSHIP OF NASSAGAWENYA

CONC. 7 LOT 31

WELL REC #: 2802097  
UTM CO-ORD: Z-17 F574490 N4829950  
LAT & LONG: 43-37NORTH 80-05WEST

REC METHOD: A35 RECORDER  
REC COMMD: MAY 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1185 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: DARK BROWN, SANDY TOPSOIL 2; BOULDERS AND SILTY TILL 18; BEDROCK 85.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 33 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 85 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: ROCK  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.22	26.39	23.82	22.40	23.33	25.17							1
2	26.22	26.43	23.71	22.61	23.29	25.25							2
3	26.19	26.47	23.62	22.82	23.45	25.30							3
4	26.25	26.51	23.68	22.94	23.68	25.37							4
5	26.33	26.53	23.60	23.12	23.71	25.42							5
6	26.34	26.47	23.46	23.28	23.87	25.44							6
7	26.30	26.42	23.19	23.56	23.99	25.44							7
8	26.31	26.38	23.22	23.73	23.93								8
9	26.36	26.47	23.25	23.83	23.73								9
10	26.42	26.41	23.38	23.86	23.61								10
11	26.37	26.44	23.72	23.99	23.54								11
12	26.39	26.50	23.75	24.18	23.69								12
13	26.38	26.48	23.75	24.19	23.79								13
14	26.41	26.55	23.96	24.24	23.86								14
15	26.47	26.41	24.04	24.29	24.03								15
16	26.41	26.38	23.97	24.33	24.05								16
17	26.50	26.31	24.07	24.32	24.08								17
18	26.56	26.17	24.16	24.24	24.18								18
19	26.54	26.02	24.13	24.19	24.26								19
20	26.50	25.88	24.02	24.17	24.33								20
21	26.48	25.45	23.24	24.16	24.40								21
22	26.51	25.04	22.56	24.19	24.50								22
23	26.55	24.68	21.59	24.30	24.57								23
24	26.55	24.29	21.80	24.39	24.62								24
25	26.62	24.14	21.78	24.34	24.70								25
26	26.59	24.05	21.58	24.36	24.82								26
27	26.61	23.99	21.32	24.41	24.90								27
28	26.54	23.90	21.47	24.28	24.94								28
29	26.46	23.76	21.50	23.95	24.97								29
30	26.49		21.71	23.61	25.00								30
31	26.48		22.13		25.05								31
-MONTHLY SUMMARY-													
MEAN	26.43	25.76	23.08	23.88	24.16								MEAN
INST	26.14	23.74	21.27	22.30	23.26								INST
MAX	( 1)	(29)	(27)	( 1)	( 1)								MAX
INST	26.63	26.57	24.18	24.41	25.10								INST
MIN	(25)	(14)	(18)	(26)	(31)								MIN



ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 419

TOWNSHIP OF NASSAGAWBYA

CONC. 1

LOT 24

WELL REC #: 2901739  
UTM CO-ORD: Z-17 E572160 N4820550  
LAT & LONG: 43-32NORTH 80-06WEST

REC METHOD: A15 RECORDER  
REC COMMEN: JUNE 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 1125 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 2; BROWN SILTY TILL 15; GREY SILTY TILL 25; MEDIUM TO COARSE SAND 30; MEDIUM TO COARSE SAND AND FINE GRAVEL 37; DIRTY COARSE GRAVEL 39; MEDIUM TO COARSE SAND 48; GREY SILTY TILL 51.

DIAMETER OF WELL: 5.5 INCHES  
LENGTH OF CASING: 25 FEET  
LENGTH OF SCREEN: 23 FEET  
DEPTH OF WELL: 48 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.96				2.97	3.96							1
2	4.96				2.98	4.01							2
3	4.94				3.05	4.06							3
4	5.00				3.13	4.13							4
5	5.05				3.14	4.20							5
6	5.05				3.19	4.22							6
7	5.03			2.76	3.01	4.26							7
8	5.05			2.84	2.95								8
9	5.07			2.91	2.91								9
10	5.12			2.95	2.91								10
11	5.08			3.03	2.93								11
12	5.12			3.13	3.00								12
13	5.11			3.17	3.06								13
14	5.13			3.23	3.11								14
15	5.16			3.26	3.19								15
16	5.17			3.22	3.21								16
17	5.17			3.22	3.24								17
18				3.24	3.30								18
19				3.27	3.34								19
20				3.32	3.41								20
21				3.36	3.48								21
22				3.38	3.54								22
23				3.46	3.59								23
24				3.50	3.65								24
25				3.38	3.71								25
26				3.28	3.76								26
27				3.24	3.80								27
28				3.14	3.84								28
29				3.05	3.88								29
30				3.00	3.92								30
31					3.94								31
-MONTHLY SUMMARY-													
MEAN					3.33								MEAN
INST					2.90								INST
MAX					( 9 )								MAX
INST					3.94								INST
MIN					(31)								MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 415

TOWNSHIP OF OAKVILLE

CONC. 6

LOT 1

WELL REC #: 2802576  
UTM CO-ORD: Z-17 E599450 N4817100  
LAT & LONG: 43-30NORTH 79-46WEST

REC METHOD: A15 RECORDER  
REC COMMEN: AUGUST 1966  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 600 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: REDDISH TILL 5; RED SHALE 50.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 16.75 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 50 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: RED SHALE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.04	3.85	2.60		4.60		4.63	4.90	5.05	4.79	4.80	4.74	1
2	3.93	3.88	2.78		4.60		4.61	4.89	5.06	4.78	4.75	4.77	2
3	3.91	3.56	3.11				4.61	4.92	5.04	4.79	4.77	4.78	3
4	3.99	3.66	3.23			4.77	4.62	4.91	5.06	4.81	4.79	4.76	4
5	4.07	3.82				4.80	4.65	4.90	5.09	4.79	4.80	4.77	5
6	4.11	3.81				4.81	4.72	4.95	5.09	4.78	4.80	4.72	6
7	4.11	3.88				4.81	4.75	4.95	5.08	4.78	4.83	4.70	7
8	4.18	3.90				4.82	4.72	4.94	5.09	4.76	4.83	4.76	8
9	4.26	3.91		4.31		4.86	4.74	4.94	5.05	4.72	4.78	4.83	9
10	4.26	4.00		4.35		4.89	4.76	4.94	5.05	4.74	4.83	4.72	10
11	4.20	4.04		4.39		4.93	4.77	4.95	5.06	4.77	4.86	4.71	11
12	4.20	4.09		4.43		5.00	4.79	4.93	5.08	4.75	4.86	4.64	12
13	4.17	4.07		4.49		4.99	4.83	4.91	5.09	4.73	4.86	4.72	13
14	4.14	4.06		4.51		4.97	4.89	4.87	5.09	4.77	4.86	4.69	14
15	4.22	4.05		4.52		4.97	4.91	4.86	5.09	4.79	4.86	4.65	15
16	4.17	4.00		4.54		4.99	4.92	4.86	5.08	4.85	4.85	4.63	16
17	4.19	3.70		4.58		5.01	4.93	4.89	4.96	4.88	4.82	4.61	17
18	4.25			4.58		5.00	4.97	4.92	4.98	4.84	4.84	4.69	18
19	4.17			4.59		4.94	4.99	4.96	4.95	4.89	4.87	4.66	19
20	4.17			4.59		4.90	4.99	4.97	4.94	4.82	4.91	4.60	20
21	4.13	1.00		4.43		4.90	4.99	4.97	4.96	4.76	4.88	4.39	21
22	4.15	2.37		4.38		4.91	5.00	4.97	4.85	4.78	4.89	4.32	22
23	4.21	2.52		4.43		4.93	5.01	5.05	4.73	4.78	4.92	4.32	23
24	4.28	2.22		4.48		4.94	5.00	5.02	4.78	4.73	4.88	4.41	24
25	4.30	2.36		4.51		4.93	5.01	5.05	4.78	4.73	4.88	4.46	25
26	4.29	2.65		4.54		4.87	5.03	5.05	4.77	4.77	4.83	4.46	26
27	4.06	2.87		4.59		4.88	5.03	5.05	4.75	4.78	4.84	4.45	27
28	3.75	2.94		4.60		4.74	5.03	5.05	4.76	4.77	4.83	4.50	28
29	3.81	2.85		4.59		4.72	5.05	5.05	4.75	4.78	4.84	4.52	29
30	4.42	2.83		4.58		4.74	5.03	5.06	4.75	4.77	4.81	4.54	30
31	4.19			4.59		4.71	5.01	5.07	4.77	4.77		4.59	31
-MONTHLY SUMMARY-													
MEAN	4.05					4.87		4.96	4.84	4.78	4.84	4.62	MEAN
INST	3.39					4.81		4.85	4.71	4.71	4.74	4.31	INST
MAX	(29)					( 3 )		(16)	(14)	( 9 )	( 2 )	(23)	MAX
INST	4.32					5.05		5.08	5.10	4.90	4.92	4.85	INST
MIN	(25)					(28)		(30)	( 6 )	(14)	(23)	( 9 )	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 374

TOWNSHIP OF TRAFALGAR

CONC. 3

LOT 14

WELL REC #: 2805707  
UTM CO-ORD: 2-17 E591175 N4818750  
LAT & LONG: 43-31NORTH 79-52WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMOD: SEP 29 1971  
MEASURE PT: 2.4 FEET ABOVE GROUND SURFACE  
GND ELEV: 659 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; VERY HARD CLAY TILL 7; GRAVEL AND SOME GREY CLAY 8.5; BROWNISH CLAY 11.5.

DIAMETER OF WELL: 4 INCHES  
LENGTH OF CASING: 8 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 9 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.14	2.61		2.22	1.58		3.90	4.69	5.59	4.89		5.62	1
2	3.14	2.57		2.20	1.69		3.86	4.69	5.62	4.91		5.62	2
3	3.13	2.57		2.19			3.84	4.70	5.65	4.94		5.64	3
4	3.13	2.59		2.25		3.36	3.84	4.70	5.66	4.94		5.64	4
5	3.13	2.65		2.35		3.46		4.69	5.68	4.96	5.25	5.63	5
6	3.13	2.71	1.97	2.46	1.92	3.52		4.71		4.96	5.25	5.63	6
7	3.13	2.75	1.91		1.76	3.57	3.86	4.75		5.00	5.25		7
8	3.13	2.78	1.85		1.53	3.62	3.86	4.79	6.15	5.04	5.28		8
9	3.13	2.87	1.83	1.72	1.44	3.69	3.85	4.83	6.17	5.04	5.28		9
10	3.17	2.91	1.83	1.85	1.43	3.74	3.84	4.88	6.17	5.08	5.29		10
11	3.22	2.79	1.85	1.96	1.43	3.79	3.83	4.92	6.17	5.13	5.34		11
12	3.24	2.48	1.87	2.11	1.40	3.86	3.83	4.95	6.20	5.14	5.37		12
13	3.30	2.15	1.90	2.24	1.50	3.92	3.85	4.98	6.23	5.14	5.39		13
14	3.34	1.84	1.86	2.35	1.50	3.97	3.90	5.01	6.25	5.14	5.41		14
15	3.42	1.56	1.81	2.46	1.61	4.02	3.96	5.05	6.26	5.18	5.44		15
16	3.47	1.35	1.76	2.55	1.67	4.08	4.01	5.09	6.27	5.25	5.45		16
17	3.53	1.17	1.72	2.62	1.67	4.15	4.07	5.12	6.28	5.30	5.45		17
18	3.61	1.04	1.73	2.69	1.73	4.20	4.14	5.15	6.29	5.33	5.45		18
19	3.69	0.97	1.80	2.75	1.82	4.23	4.21	5.20	6.12	5.33	5.46		19
20	3.72	0.90	1.84	2.81	1.94	4.27	4.27	5.24	5.76	5.33	5.46		20
21	3.74	0.84	1.75	2.86	2.08	4.30	4.33	5.26	5.45	5.34	5.50		21
22	3.77	0.83	1.74	2.95	2.22	4.33	4.39	5.28	5.45	5.34	5.53		22
23	3.82	0.83	1.79	3.03	2.36	4.36	4.44	5.30	5.13	5.36	5.55		23
24	3.85	0.79	1.85	2.96	2.49	4.36	4.49	5.34	5.07	5.36	5.56		24
25	3.91	0.74	1.92	2.47	2.63	4.36	4.56	5.37	5.02	5.36	5.56		25
26	3.92	0.74	2.00	2.02	2.76	4.30	4.60	5.40	4.98	5.33	5.58		26
27	3.70	0.75	2.08	1.73	2.87	4.20	4.63	5.43	4.93	5.29	5.59		27
28	3.34	0.81	2.16	1.59	2.96	4.10	4.66	5.46	4.92	5.26	5.60		28
29	3.04		2.25	1.55	3.06	4.02	4.67	5.50	4.90	5.26	5.61		29
30	2.85		2.34	1.54	3.16	3.95	4.68	5.53	4.90	5.26	5.62		30
31	2.71		2.33		3.26		4.69	5.56		5.26			31
MEAN	3.37							5.08		5.18			MEAN
INST MAX	2.66 (31)							4.69 (1)		4.89 (1)			INST MAX
INST MIN	3.93 (26)							5.58 (31)		5.37 (22)			INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 251

TOWNSHIP OF ALBION

CONC. 6

LOT 23

WELL REC #: 490415M  
UTM CO-ORD: 2-17 E594400 N4864030  
LAT & LONG: 43-57NORTH 79-44WEST

REC METHOD: STEEL TAPE  
REC COMMOD: MAR. 03 1970  
MEASURE PT: 3.62 FEET ABOVE GROUND SURFACE  
GND ELEV: 895 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK SOIL 04; BROWN CLAY, SAND AND STONES 38; BROWN SAND AND A FEW STONES 60.

DIAMETER OF WELL: 1 INCH  
LENGTH OF CASING: 57 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 60 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
								03/ 37.13 16/ 36.47	19/ 37.45		

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 252

TOWNSHIP OF ALBION

CONC. 6

LOT 23

WELL REC #: 4904159  
UTM CO-ORD: 2-17 E594400 N4864030  
LAT & LONG: 43-57NORTH 79-44WEST

REC METHOD: STEEL TAPE  
REC COMMOD: MAR. 03 1970  
MEASURE PT: 3.62 FEET ABOVE GROUND SURFACE  
GND ELEV: 895 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK SOIL 04; BROWN CLAY, SAND AND STONES 38; BROWN SAND WITH A FEW STONES 65; GREY CLAY, STONES AND SAND 88; BROWN-YELLOW SILT, CLAY 106; BLUE CLAY, STONES 130; BROWN-YELLOW SILT, CLAY 142.

DIAMETER OF WELL: 1 INCH  
LENGTH OF CASING: 139 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 142 FEET

PUMP RATE: N/A.  
SPEC. CAP: N/A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DATE AND WATER LEVEL MEASUREMENTS IN FEET BELOW GROUND SURFACE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
								03/ 41.07 16/ 41.08	19/ 41.01		

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 253  
TOWNSHIP OF ALBION

CONC. 6  
LOT 23

WELL REC #: 4904100  
UTM CO-ORD: 2-17 E594400 N4864030  
LAT & LONG: 43-57NORTH 79-49WEST

REC METHOD: 1F1 TYPE RECORDER  
REC COMMCD: MAR 3 1970  
MEASURE PT: 3.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 900 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK SOIL 4; BROWN CLAY, SAND AND STONES 38; BROWN SAND AND A FEW STONES 65; GREY CLAY, STONES AND SAND 68;  
BROWNISH YELLOW SILT, CLAY 100; BLUE CLAY AND STONES 130; BROWNISH YELLOW SILT, CLAY 214; GREY HARDPAN 218.  
E - ESTIMATED

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 215 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 218 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 HARDPAN  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									42.33 E	42.64 E	42.57 E	42.70 E	1
2									42.33 E	42.65 E	42.57 E	42.70 E	2
3									42.34 E	42.65 E	42.58 E		3
4									42.38 E	42.65 E	42.58 E		4
5									42.41 E	42.66 E	42.58 E		5
6									42.42 E	42.66 E	42.58 E		6
7									42.42 E	42.66 E	42.58 E		7
8									42.43 E	42.67 E	42.59 E		8
9									42.44 E	42.67 E	42.59 E		9
10									42.45 E	42.67 E	42.61 E		10
11									42.46 E	42.68 E	42.62 E		11
12									42.47 E	42.68 E	42.62 E		12
13									42.49 E	42.69 E	42.63 E		13
14									42.51 E	42.69 E	42.64 E		14
15									42.52 E	42.70 E	42.65 E		15
16									42.52 E	42.70 E	42.66 E		16
17									42.52 E	42.71 E	42.68 E		17
18								42.23 E	42.53 E	42.72 E	42.69 E		18
19								42.22 E	42.53 E	42.56 E	42.69 E		19
20								42.22 E	42.54 E	42.31 E	42.69 E		20
21								42.23 E	42.54 E	42.31 E	42.69 E		21
22								42.24 E	42.54 E	42.31 E	42.69 E		22
23								42.25 E	42.55 E	42.31 E	42.69 E		23
24								42.26 E	42.56 E	42.31 E	42.69 E		24
25								42.27 E	42.57 E	42.31 E	42.69 E		25
26								42.28 E	42.58 E	42.32 E	42.69 E		26
27								42.29 E	42.59 E	42.32 E	42.69 E		27
28								42.30 E	42.60 E		42.69 E		28
29								42.31 E	42.61 E		42.70 E		29
30								42.32 E	42.63 E	42.57 E	42.70 E		30
31								42.32 E		42.57 E			31
-MONTHLY SUMMARY-													
MEAN									42.49		42.64		MEAN
INST									42.32		42.57		INST
MAX									( 1 )		( 1 )		MAX
INST									42.64		42.70		INST
MIN									(30)		(30)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 167  
TOWNSHIP OF CHINGUACOUSY

CONC.HSW 5 LOT 5

WELL REC #: 4901999  
UTM CO-ORD: 2-17 E596500 N4832160  
LAT & LONG: 43-38NORTH 79-48WEST

REC METHOD: A35 RECORDER  
REC COMMCD: DEC 15 1965  
MEASURE PT: 4.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 675 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 2; BROWN CLAY, GRAVEL 7; SAND AND GRAVEL 17; CLAY AND GRAVEL 20.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 15 FEET  
LENGTH OF SCREEN: 5 FEET  
DEPTH OF WELL: 20 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: 1 CLAY AND GRAVEL  
QUALITY: 1 FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					4.10	4.70	5.32	6.05	6.71	7.19			1
2					4.15	4.72	5.26	6.08	6.73	7.22			2
3					4.24	4.75	5.21	6.10	6.74	7.23			3
4					4.30	4.79	5.20	6.11	6.77	7.24			4
5			4.98		4.32	4.85	5.20	6.13	6.82	7.25			5
6					4.38	4.86	5.21	6.16	6.83	7.25			6
7					4.21	4.88	5.23	6.19	6.85	7.26			7
8					4.01	4.90	5.25	6.20	6.87	7.27			8
9				4.33	3.97	4.94	5.28	6.22	6.88	7.33			9
10				4.33	3.99	4.98	5.35	6.24	6.90	7.34			10
11				4.38	4.04	5.02	5.38	6.25	6.93	7.35			11
12				4.44	4.04	5.06	5.42	6.27	6.96	7.36			12
13				4.46	4.04	5.09	5.46	6.31	6.98	7.37			13
14				4.50	4.07	5.12	5.52	6.34	7.00	7.39			14
15				4.52	4.15	5.15	5.55	6.36	7.01	7.40			15
16				4.53	4.17	5.18	5.58	6.37	7.03	7.43			16
17				4.53	4.15	5.22	5.61	6.39	7.04	7.44			17
18				4.53	4.14	5.25	5.66	6.41	7.05	7.46			18
19				4.54	4.16	5.30	5.69	6.44	7.06				19
20				4.56	4.21	5.34	5.71	6.47	7.07				20
21				4.55	4.26	5.37	5.74	6.48	7.10				21
22				4.58	4.33	5.40	5.76	6.50	7.12				22
23				4.64	4.37	5.44	5.78	6.52	7.14				23
24				4.66	4.41	5.47	5.79	6.55	7.15				24
25				4.64	4.46	5.49	5.83	6.57	7.16				25
26				4.53	4.52	5.48	5.88	6.59	7.17				26
27				4.29	4.56	5.48	5.90	6.61	7.17				27
28				4.13	4.59	5.45	5.94	6.63	7.18				28
29				4.09	4.62	5.43	5.97	6.66	7.19				29
30				4.09	4.65	5.42	5.99	6.68	7.19				30
31					4.67		6.02	6.69					31
-MONTHLY SUMMARY-													
MEAN					4.27	5.15	5.57	6.37	6.99				MEAN
INST					3.96	4.69	5.20	6.03	6.69				INST
MAX					( 9 )	( 1 )	( 4 )	( 1 )	( 1 )				MAX
INST					4.69	5.50	6.03	6.69	7.20				INST
MIN					(31)	(26)	(31)	(31)	(30)				MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 168

TOWNSHIP OF CHINGUACOUSY

HSE 2

LOT 15

WELL REC #: 4901205  
UTM CO-ORD: Z-17 E597150 N4844050  
LAT & LONG: 43-45NORTH 79-48WEST

REC METHOD: A35 RECORDER  
REC COMMCD: MAR 4 1966  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 816 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: TOPSOIL 1; SANDY CLAY, ODD BIT OF GRAVEL 29; SAND, CLAY AND SOME GRAVEL 35; SAND AND GRAVEL 47; FINE SAND, AND GRAVEL, ODD BIT OF CLAY 51; CLAY, SAND, GRAVEL 55; SAND, GRAVEL AND ODD BIT OF CLAY 80.

DIAMETER OF WELL: 12 INCHES  
LENGTH OF CASING: 53 FEET  
LENGTH OF SCREEN: 20 FEET  
DEPTH OF WELL: 73 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					24.83			24.47					1
2					24.77			24.54					2
3					24.86			24.57					3
4					24.89			24.52					4
5					24.71			24.42					5
6					24.82			24.52					6
7					24.77			24.55					7
8					24.74			24.52					8
9				25.52	24.66		24.32	24.57					9
10				25.40	24.62		24.24						10
11				25.43	24.56		24.14						11
12				25.43	24.57		24.18						12
13				25.30	24.55		24.25						13
14				25.28	24.47		24.30						14
15				25.22	24.50		24.30						15
16				25.25			24.27						16
17				25.24			24.34						17
18				25.20			24.39						18
19				25.14			24.44						19
20				25.13			24.37						20
21				25.06			24.40						21
22				25.05			24.46						22
23				25.15			24.34						23
24				25.10			24.37						24
25				24.97			24.45						25
26				25.05			24.40						26
27				25.09			24.35						27
28				25.06			24.41						28
29				24.97			24.37						29
30				24.92			24.41						30
31							24.39						31

-MONTHLY SUMMARY-

MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 065

TOWNSHIP OF TORONTO

R 3 CIR

LOT 13

WELL REC #: 4902206  
UTM CO-ORD: Z-17 E609543 N4820409  
LAT & LONG: 43-32NORTH 79-39WEST

REC METHOD: A35 RECORDER  
REC COMMCD: JUN 4 1954  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 360 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: SAND AND GRAVEL 27; RED SHALE 31.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 31 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 31 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SHALE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.45	24.24	23.25	21.46	20.74	20.38	20.70	21.51	22.16	21.88	22.76	23.40	1
2	24.46	24.24	23.22	21.37	20.71	20.41	20.74	21.53	22.19	21.89	22.80	23.42	2
3	24.45	24.27	23.18	21.34	20.72	20.42	20.74	21.55	22.21	21.92	22.80	23.44	3
4	24.46	24.28	23.15	21.31	20.74	20.44	20.75	21.55	22.23	22.00	22.82	23.47	4
5	24.47	24.29	23.11	21.28	20.71	20.44	20.75	21.55	22.25	22.07	22.84	23.50	5
6	24.47	24.30	23.00	21.25	20.72	20.42	20.76	21.58	22.29	22.13	22.85		6
7	24.46	24.30	22.90	21.24	20.63	20.40	20.76	21.60	22.30	22.20	22.87		7
8	24.47	24.30	22.87	21.22	20.56	20.41	20.93	21.62	22.30	22.23	22.89		8
9	24.47	24.30	22.83	21.20	20.54	20.43	21.06	21.64	22.25	22.26	22.89		9
10	24.48	24.32	22.79	21.16	20.52	20.44	21.06	21.66	22.21	22.30	22.91		10
11	24.48	24.33	22.77	21.12	20.49	20.43	21.05	21.69	22.20	22.34	22.95		11
12	24.49	24.33	22.72	21.13	20.49	20.49	21.07	21.69	22.22	22.37	22.98		12
13	24.48	24.31	22.64	21.10	20.49	20.50	21.09	21.72	22.24	22.37	22.99		13
14	24.48	24.20	22.55	21.08	20.46	20.50	21.13	21.75	22.23	22.39	23.01		14
15	24.50	24.13	22.50	21.04	20.46	20.50	21.15	21.77	22.21	22.41	23.05		15
16	24.42	23.97	22.44	21.03	20.44	20.52	21.16	21.79	22.21	22.46	23.06		16
17	24.37	23.98	22.40	21.02	20.41	20.57	21.18	21.82	22.20	22.50	23.08		17
18	24.33	23.82	22.37	21.01	20.41	20.59	21.21	21.84	22.10	22.53	23.08		18
19	24.29	23.77	22.31	20.99	20.38	20.59	21.23	21.86	21.95	22.54	23.11		19
20	24.26	23.76	22.11	20.98	20.36	20.62	21.25	21.89	21.90	22.50	23.14		20
21	24.23	23.73	22.04	20.95	20.36	20.64	21.27	21.90	21.85	22.50	23.15		21
22	24.23	23.63	22.04	20.93	20.36	20.66	21.29	21.91	21.88	22.53	23.19		22
23	24.23	23.57	21.98	20.96	20.35	20.67	21.31	21.94	21.89	22.58	23.22		23
24	24.24	23.52	21.90	20.96	20.34	20.67	21.34	21.96	21.92	22.60	23.24		24
25	24.23	23.47	21.82	20.91	20.34	20.68	21.37	21.98	21.89	22.62	23.26		25
26	24.24	22.42	21.76	20.83	20.35	20.72	21.38	22.00	21.88	22.66	23.28		26
27	24.24	23.36	21.67	20.81	20.37	20.73	21.40	22.02	21.86	22.69	23.30		27
28	24.24	23.31	21.64	20.80	20.37	20.70	21.43	22.04	21.88	22.70	23.35		28
29	24.22	23.28	21.60	20.78	20.35	20.69	21.44	22.08	21.87	22.72	23.35		29
30	24.22		21.54	20.77	20.35	20.69	21.46	22.13	21.87	22.75	23.38		30
31	24.23		21.49		20.35		21.47	22.14		22.74			31

-MONTHLY SUMMARY-

MEAN	24.30	23.95	22.41	21.07	20.48	20.54	21.13	21.80	22.09	22.40	23.05		MEAN
INST	24.21	23.26	21.46	20.76	20.34	20.36	20.69	21.49	21.85	21.87	22.76		INST
MAX	(29)	(29)	(31)	(30)	(26)	(1)	(1)	(1)	(27)	(1)	(1)		MAX
INST	24.50	24.34	23.26	21.46	20.76	20.74	21.49	22.14	22.31	22.76	23.39		INST
MIN	(15)	(12)	(1)	(1)	(1)	(27)	(31)	(31)	(7)	(31)	(20)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
SIMCOE COUNTY

OBSERVATION WELL 007  
TOWNSHIP OF ESSA

CUNC. 3 LOT 30

WELL REC #: 5706713  
UTM CO-ORD: 2-17 E589050 N4907950  
LAT & LONG: 44-19NORTH 79-52WEST

REC METHOD: A35 RECORDER  
REC COMMCD: JUN 6 1950  
MEASURE PT: 1.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 626 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: OVERBURDEN 20.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 20 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: OVERBURDEN  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										11.20	11.13	11.21	1
2										11.20	11.11	11.18	2
3										11.21	11.10	11.18	3
4										11.22	11.10	11.18	4
5										11.23	11.09	11.18	5
6										11.24	11.08	11.16	6
7										11.26	11.08	11.14	7
8										11.27	11.08	11.15	8
9										11.27	11.07	11.16	9
10										11.28	11.07	11.16	10
11										11.31	11.08	11.18	11
12										11.32	11.09	11.19	12
13											11.10	11.21	13
14									11.66		11.10	11.22	14
15									11.68	11.40	11.11	11.23	15
16									11.68	11.41	11.13	11.24	16
17									11.69	11.40	11.14	11.25	17
18									11.68	11.40	11.15	11.28	18
19									11.55	11.40		11.29	19
20									11.44	11.39	11.21	11.29	20
21									11.38	11.38	11.22	11.31	21
22									11.34	11.37	11.22	11.33	22
23									11.31	11.35	11.24	11.34	23
24									11.29	11.31	11.26	11.36	24
25									11.27	11.26	11.26	11.37	25
26									11.24	11.23	11.27	11.38	26
27									11.22	11.21	11.27	11.38	27
28									11.21	11.19	11.26	11.39	28
29									11.20	11.17	11.24	11.39	29
30									11.20	11.15	11.21	11.40	30
31										11.14		11.40	31

-MONTHLY SUMMARY-

MEAN												11.26	MEAN
INST												11.14	INST
MAX												( 7 )	MAX
INST												11.40	INST
MIN												(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
SIMCOE COUNTY

OBSERVATION WELL 373  
VILLAGE OF WASAGA BEACH

CONC. - LOT -

WELL REC #: 5709214  
UTM CO-ORD: 2-17 E578250 N4931025  
LAT & LONG: 44-32NORTH 80-01WEST

REC METHOD: A35 RECORDER  
REC COMMCD: OCT 31 1972  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 590 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: FINE SAND 22; SAND AND GRAVEL 30; GREY CLAY 87; FINE SAND 93; CLAY 96; FINE SAND 101; MEDIUM SAND 119; SAND WITH STREAKS OF CLAY 130; CLAY AND SILT 168; FINE SAND 170; MEDIUM SAND 180; SAND AND GRAVEL 194; GREY CLAY 200.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 170 FEET  
LENGTH OF SCREEN: 24 FEET  
DEPTH OF WELL: 194 FEET

PUMP RATE: 450 IGPM  
SPEC. CAP: 70.4 IGPM/FT  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.14				4.31	4.38	4.51	5.02	4.80	4.91	5.08	5.01	1
2	5.31				4.26	4.42	4.57	5.08	4.96	4.91	5.05	5.02	2
3	4.94				4.11	4.41	4.68	4.95	4.86	4.99	4.99	5.30	3
4	4.95				4.19	4.46	4.74	4.91	4.72	5.08	5.13	5.37	4
5	5.08				4.17	4.52	4.71	4.85	4.86	5.09	5.07	5.25	5
6	4.92				4.22	4.47	4.72	4.94	5.00	4.93	4.80	5.39	6
7	4.91				4.27	4.38	4.73	4.97	4.88	4.98	4.97	5.15	7
8	4.99				4.16	4.42	4.69	4.96	4.86	5.02	5.05	5.22	8
9	4.85			4.23	4.19	4.46	4.82	4.94	4.84	4.91	5.10	5.37	9
10	5.02			4.17	4.23	4.44	4.85	4.95	4.45	4.88	4.99	5.30	10
11	5.23			4.20	4.16	4.36	4.71	4.98	4.66	5.13	5.09	5.13	11
12	5.16			4.25	4.19	4.65	4.63	4.89	4.84		5.07	5.12	12
13	5.06			4.20	4.28	4.70	4.65	4.82	4.82		4.88	5.35	13
14	4.79			4.30	4.27	4.54	4.78	4.96	4.76	4.84	4.83	5.13	14
15	4.80			4.33	4.29	4.54	4.81	4.85	4.82	4.81	5.13	5.24	15
16	5.01			4.35	4.35	4.43	4.69	4.78	4.85	4.91	5.13	5.42	16
17	5.10			4.43	4.15	4.53	4.75	4.80	4.79	5.05	5.06	5.32	17
18	5.18			4.44	4.19	4.63	4.96	4.85	4.72	5.04	4.96	5.53	18
19	5.10			4.37	4.09	4.49	5.00	4.86	4.73	5.13	4.95	5.52	19
20	5.00			4.35	4.19	4.56	4.91	4.80	4.76	5.00	5.17	5.41	20
21	5.01			4.44	4.20	4.55	4.96	4.90	4.71	4.80	5.14	5.39	21
22	5.02			4.35	4.35	4.56	5.06	4.94	4.65	4.68	4.91	5.47	22
23	5.18			4.23	4.49	4.60	5.00	4.98	4.71	4.88	4.94	5.37	23
24				4.47	4.49	4.62	4.91	5.03	4.82	5.14	5.18	5.47	24
25				4.53	4.43	4.57	5.10	5.02	4.76	5.05	5.25	5.44	25
26				4.35	4.40	4.63	5.00	5.03	4.87	5.12	5.29	5.43	26
27				4.29	4.42	4.71	4.96	4.98	4.83	5.14	5.20	5.53	27
28				4.29	4.48	4.69	5.08	4.87	4.83	4.83	5.10	5.64	28
29				4.30	4.50	4.61	5.07	4.80	4.67	4.72	5.05	5.53	29
30				4.32	4.50	4.68	4.97	4.94	4.85	4.95	5.01	5.56	30
31					4.41		4.95	4.88		5.09		5.47	31

-MONTHLY SUMMARY-

MEAN					4.29	4.53	4.84	4.92	4.79		5.05	5.35	MEAN
INST					3.85	4.24	4.44	4.65	4.19		4.58	4.51	INST
MAX					( 5 )	(16)	( 1 )	(12)	(11)		(19)	(11)	MAX
INST					4.57	4.91	5.25	5.16	5.07		5.46	5.70	INST
MIN					(23)	(13)	(28)	( 2 )	( 6 )		(26)	(18)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
VICTORIA COUNTY

OBSERVATION WELL 375  
TOWNSHIP OF MARIPOSA

CONC. 15 LOT 6

WELL REC #: 6403790  
UTM CO-ORD: 2-17 6660200 N4917700  
LAT & LONG: 44-24NORTH 76-59WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMCD: NOV 9 1972  
MEASURE PT: 3.05 FEET ABOVE GROUND SURFACE  
GND ELEV: 927 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: PACKED BROWN CLAY AND STONES 6; LOOSE BROWN GRAVEL 18; LIMESTONE 38.

PUMP RATE: 40 L/GPM  
SPEC. CAP: 5.71 L/GPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.12	10.13	8.81	6.94			8.50	9.04	9.67	8.90	8.97	8.56	1
2	10.27	10.49	8.99	6.61			8.33	9.07	9.49	8.75	8.74	8.66	2
3	10.09	10.99	9.24	6.71			8.15	9.31	9.47	8.83	8.71	8.44	3
4	10.05	10.42	8.75	6.80			8.31	9.49	9.85	9.04	8.96	8.72	4
5	10.18	10.63	8.72	6.86			8.16	9.30	9.58	8.79	8.69	8.51	5
6	10.25	10.41	8.42	7.08			8.23	9.52	9.55	8.78	8.80	8.65	6
7	10.30	10.38	8.47	7.38	8.11		8.14	9.62	9.81	9.07	8.91	8.50	7
8	10.11	10.65	8.19		7.72		8.15	9.43	9.76	8.94	8.85	8.57	8
9	10.43	10.32	8.14		7.79		8.33	9.41	9.63	8.80	9.05	8.72	9
10	10.28	10.50	8.39		8.27		8.24	9.41	9.80	8.79	8.91	8.58	10
11	10.15	10.73	8.30		7.99		8.53	9.66	9.67	9.08	9.02	8.88	11
12	10.46	10.33	8.25		8.11		8.44	9.84	9.51	9.07	8.86	8.65	12
13	10.48	10.41	8.23		7.97		8.34	9.55	9.64	8.90	9.18	8.92	13
14	10.26	10.76	8.39		8.17		8.40	9.54	9.80	8.82	8.96	8.76	14
15	10.55	10.30	8.15		8.07		8.65	9.42	9.60	9.22	8.88	8.95	15
16	10.41	9.99	8.09		7.99		8.49	9.71	9.54	8.96	9.26	8.79	16
17	10.44	10.23	8.40		8.13		8.77	9.93	9.78	9.08	8.96	9.01	17
18	10.47	9.83	8.26		8.01		8.76	9.59	9.51	9.22	8.91	8.87	18
19	10.31	9.86	8.24		7.89		8.63	9.56	9.29	9.01	9.31	9.04	19
20	10.57	9.48	8.16				8.90	9.84	9.34	9.20	9.06	8.93	20
21	10.56	9.74	7.63				8.75	9.95	9.00	9.08	9.03	9.08	21
22	10.35	9.42	6.88				8.72	9.69	8.86	8.86	9.38	8.95	22
23	10.59	9.34	7.11				8.86	9.67	8.97	8.89	9.29	9.17	23
24	10.76	9.69	7.19				8.86	9.91	8.98	8.84	9.13	9.02	24
25	10.50	9.36	6.65			9.06	9.10	10.06	8.72	8.82	9.08	9.24	25
26	10.73	9.28	6.62			8.99	9.13	9.80	8.85	8.78	9.29	9.07	26
27	10.46	9.15	6.49			9.10	9.10	10.00	8.67	8.69	8.56	9.31	27
28	10.42	9.01	6.45			9.09	9.08	9.98	8.82	8.64	8.49	9.34	28
29	10.24	8.92	6.73			8.79	9.26	9.59	8.65	8.49	8.80	9.27	29
30	10.17		6.86			8.91	9.44	9.57	8.77	8.70	8.50	9.39	30
31	10.15		6.78				9.16	9.92		8.67		9.24	31
-MONTHLY SUMMARY-													
MEAN	10.36	10.03	7.87				8.64	9.63	9.35	8.91	8.95	8.90	MEAN
INST	10.03	8.89	6.39				7.99	9.03	8.60	8.62	8.44	8.42	INST
MAX	( 5 )	(29)	(28)				( 4 )	( 1 )	(28)	(31)	(28)	( 4 )	MAX
INST	11.13	11.12	9.31				9.67	10.38	10.18	9.51	9.60	9.69	INST
MIN	(24)	(11)	( 3 )				(30)	(28)	( 1 )	(18)	(25)	(29)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 344  
TOWNSHIP OF E. GWILLIMBURY

IE

LOT 121

WELL REC #: 6910968  
UTM CO-ORD: Z-17 6621475 N4889650  
LAT & LONG: 44-09NORTH 79-29WEST

REC METHOD: A35 RECORDER  
REC COMCD: MAY 26 1971  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 723 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: OVERBURDEN (SAND) 11.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 11 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 11 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.49						4.86	8.78		2.25	0.93	2.18	1
2	6.56						5.14	8.25		2.38	1.10	2.47	2
3	6.59						5.59	7.86		2.57	1.13	2.68	3
4	6.62						8.76	7.54		2.76	1.22	2.77	4
5	6.64						8.59	7.34		2.90	1.26	2.86	5
6							8.13	7.18		2.92	1.32	2.96	6
7							8.18	6.97	4.27	1.65	1.41	2.90	7
8							9.70	6.86	4.41	1.54	1.51	2.96	8
9							9.05	6.91	4.51		1.53	3.08	9
10							8.56	6.87	4.46		1.38	3.15	10
11							9.92	6.68	4.22		1.30	3.17	11
12							9.92	6.57	4.11		1.42	3.16	12
13							9.38	7.32	4.16		1.47	3.28	13
14								8.79	9.83	4.24	1.53	3.38	14
15					1.45			8.50	9.53	4.29	1.65	3.46	15
16					1.79			8.21	8.96	4.28	1.77	3.51	16
17								7.95	8.39	4.28	1.77	3.52	17
18								7.65	7.89	3.77	1.72	3.55	18
19						5.26		7.34		2.77	1.70	3.56	19
20						5.23		7.14		2.24	1.68	3.47	20
21						5.15		7.08		1.57	1.71	3.34	21
22						5.09		6.88			1.80	3.46	22
23						5.00		6.74		0.34	1.82	3.58	23
24						4.92		7.61	1.35	0.34	1.83	3.69	24
25						4.89		7.70	1.60	0.34	1.85	3.78	25
26						4.85		7.43	1.67	0.40	1.86	3.86	26
27						4.79		7.15	1.23	0.57	0.69	3.92	27
28						4.75		6.88	1.50	0.78	0.62	3.99	28
29						4.73		7.04	1.81	0.94	0.93	4.06	29
30						4.74		8.63	2.08	1.05	1.59	4.14	30
31								8.71		0.96		4.21	31
-MONTHLY SUMMARY-													
MEAN							7.65				1.43	3.36	MEAN
INST							4.78				0.58	1.92	INST
MAX							( 1 )				(27)	( 1 )	MAX
INST							10.20				1.92	4.24	INST
MIN							(11)				(30)	(21)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 529  
TOWNSHIP OF INNISFILL

CONC. - LOT -

WELL REC #: 5715034  
UTM CO-ORD: Z-17 E605145 N4912050  
LAT & LONG: 44-24NORTH 79-40WEST

REC METHOD: 171 RECORDER  
REC COMMCD: APR 07 1976  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 965 FEET ABOVE SEA LEVEL  
WELL TYPE: BORED  
WELL LOG: SAND 24.

DIAMETER OF WELL: 30 INCHES  
LENGTH OF CASING: N.A.  
LENGTH OF SCREEN: N.A.  
DEPTH OF WELL: 24 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					16.69	16.84	17.15	16.98		16.74	16.92	16.95	1
2					16.68	16.85	17.15	16.98		16.74	16.92	16.95	2
3					16.69	16.88	17.15	16.99		16.74	16.92	16.95	3
4					16.70	16.90	17.15	17.00		16.74	16.92	16.95	4
5					16.70	16.91	17.14	17.00		16.74	16.91	16.95	5
6					16.71	16.92	17.14	17.00		16.74	16.92	16.95	6
7					16.72	16.92	17.12	17.01		16.75	16.92	16.95	7
8										16.75	16.92	16.96	8
9				16.51	16.72	16.93	17.06	17.03		16.75	16.92	16.96	9
10				16.52	16.72	16.95	17.02	17.03		16.75	16.92	16.96	10
11				16.53	16.73	16.96	16.97	17.04		16.76	16.92	16.96	11
12				16.54	16.74	16.96	16.92			16.76	16.93	16.96	12
13				16.58	16.75	16.99	16.90			16.77	16.93	16.96	13
14				16.59	16.74	17.00	16.90			16.78	16.92	16.97	14
15				16.60	16.74	17.01	16.89			16.79	16.93	16.98	15
16				16.60	16.73	17.03	16.89			16.80	16.93	16.99	16
17				16.59	16.74	17.04	16.89		17.20	16.81	16.94	17.00	17
18				16.59	16.75	17.05	16.89		17.20	16.83	16.94	17.01	18
19				16.60	16.75	17.05	16.90		17.16	16.84	16.94	17.01	19
20				16.60	16.75	17.06	16.90		17.13	16.85	16.94	17.01	20
21				16.60	16.74	17.07	16.91		17.05	16.86	16.94	17.01	21
22				16.61	16.75	17.08	16.91		16.98	16.86	16.94	17.02	22
23				16.62	16.75	17.09	16.93		16.92	16.89	16.94	17.03	23
24				16.63	16.76	17.12	16.94		16.88	16.94	16.94	17.03	24
25				16.66	16.76	17.15	16.93		16.85	16.93	16.95	17.03	25
26				16.67	16.77	17.14	16.94		16.82	16.92	16.95	17.04	26
27				16.66	16.78	17.14	16.95		16.79	16.92	16.95	17.04	27
28				16.68	16.81	17.15	16.96		16.76	16.92	16.95	17.05	28
29				16.69	16.82	17.15	16.98		16.76	16.92	16.95	17.05	29
30				16.69	16.84	17.15	16.98		16.75	16.92	16.95		30
31				16.69	16.84	17.15	16.99		16.74	16.92	16.95		31
					16.85		16.99			16.92			31
-MONTHLY SUMMARY-													
MEAN					16.75	17.02	16.99			16.83	16.93		MEAN
INST MAX					16.68 ( 2 )	16.84 ( 2 )	16.89 (12)			16.74 ( 3 )	16.91 ( 5 )		INST MAX
INST MIN					16.85 (31)	17.15 (23)	17.15 ( 3 )			16.94 (23)	16.96 (30)		INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 342  
TOWNSHIP OF KING

OS 2 LOT 19

WELL REC #: 6902665  
UTM CO-ORD: Z-17 E616574 N4884788  
LAT & LONG: 44-07NORTH 79-33WEST

REC METHOD: A35 RECORDER  
REC COMMCD: MAY 26 1971  
MEASURE PT: 0.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 722 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 40; LIGHT SAND AND CLAY 205; HEAVY RED SAND 297; QUICKSAND AND GRAVEL 305.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 299 FEET  
LENGTH OF SCREEN: 3 FEET  
DEPTH OF WELL: 305 FEET

PUMP RATE: 75 L/GPM  
SPEC. CAP: 0.68 L/GPM/FT  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.10						32.11	32.87	35.13	34.68	33.64	32.39	1
2	27.92						32.01	32.71	35.11	34.67	33.85	32.63	2
3	28.39						32.22	33.02	35.13	34.26	34.09	32.76	3
4	27.92						31.57	33.19	34.64	34.14	33.90	32.90	4
5	28.37						31.59	33.26	34.18	34.26	33.94	32.29	5
6	28.98						32.23	33.30	33.63	34.48	33.91	32.63	6
7	29.65						32.77	33.76	34.10	34.85	33.58	32.69	7
8	29.80						32.77	33.34	34.51	35.12	33.53	32.65	8
9	30.00						32.86	33.18	34.83	34.72	33.51	32.90	9
10	30.18						32.89	33.25	34.92	33.42	33.51	32.84	10
11	29.49						32.15	33.79	34.86	33.30	33.70	32.79	11
12	29.31						32.45	33.70	34.08	33.56	33.78	32.73	12
13	30.01						32.99	33.92	34.28	33.66	33.67	32.50	13
14	30.07						33.20	33.49	34.50	34.07	32.77	32.45	14
15	30.25						33.06	32.49	34.80	33.92	32.94	32.72	15
16	30.21						33.16	32.77	34.83	34.41	33.24	32.69	16
17	30.28						33.28	33.48	35.06	34.00	33.18	32.82	17
18							32.08	33.68	34.84	34.06	33.12	32.94	18
19						32.70	32.25	34.12	34.53	34.16	33.35	32.44	19
20						31.13	32.95	34.58	34.37	34.25	33.24	32.07	20
21						31.62	33.54	34.69	34.83	34.41	32.31	32.53	21
22						32.55	33.82	34.54	35.10	34.48	31.85	32.71	22
23						33.05	34.00	34.71	35.33	34.29	32.05	32.81	23
24						32.96	33.67	34.80	35.28	33.99	32.43	32.26	24
25						32.95	33.15	34.88	34.59	33.31	32.72	31.20	25
26						33.13	33.50	34.91	33.78	33.83	32.73	30.44	26
27						32.54	33.62	35.05	33.80	33.98	32.75	30.80	27
28						32.68	33.70	35.42	34.13	33.86	31.95	30.81	28
29						32.81	33.69	35.10	34.50	34.12	31.73	31.34	29
30						32.91	33.55	34.77	34.41	34.00	32.09	31.39	30
31							33.68	35.56		33.49		31.50	31
-MONTHLY SUMMARY-													
MEAN							32.92	33.95	34.60	34.12	33.10	32.28	MEAN
INST MAX							29.87 ( 4 )	30.94 (16)	32.04 ( 6 )	31.64 (11)	30.32 (23)	28.94 (26)	INST MAX
INST MIN							34.85 (29)	36.27 (29)	36.11 (24)	35.73 ( 9 )	34.81 ( 6 )	33.81 ( 4 )	INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 343  
TOWNSHIP OF KING

CONC. 3 LOT 9

WELL REC #: 6916967  
UTM CO-ORD: 2-17 6615075 N4880425  
LAT & LONG: 44-04N08W 79-34WEST

REC METHOD: A35 RECORDER  
REC COMMCD: MAY 26 1971  
MEASURE PT: 2.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 720 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: PEAT (MUCK) 11.5.

DIAMETER OF WELL: 36 INCHES  
LENGTH OF CASING: 11.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 11.5 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: PEAT  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS REFERRED TO DISTANCE IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.83	5.24	1.72										1
2	4.84	5.26	2.14										2
3	4.86	5.28	2.49										3
4	4.90	5.30	2.73										4
5	4.93	5.33	2.48										5
6	4.96	5.36	1.36										6
7	4.97	5.37	1.40										7
8	4.99	5.37	1.82										8
9	5.01	5.38	2.05										9
10	5.04	5.41	2.19										10
11	5.06	5.41	2.44										11
12	5.07	5.41	2.62										12
13	5.09	5.38	2.16										13
14	5.10	5.30	2.28										14
15	5.12	5.17	2.56										15
16	5.14	4.97	2.66										16
17	5.17	4.69	2.75										17
18	5.19	4.43	2.88										18
19	5.21	3.82	2.89										19
20	5.22	2.58	2.39										20
21	5.24	2.22	2.27										21
22	5.26	2.33	2.64										22
23	5.28	2.59	2.89										23
24	5.30	2.81	2.99										24
25	5.31	2.98	3.03										25
26	5.32	2.66	3.07										26
27	5.28	1.84	3.10										27
28	5.25	1.72	3.12										28
29	5.24	1.63	3.15										29
30	5.23												30
31	5.23												31

-MONTHLY SUMMARY-

MEAN	5.12	4.18											MEAN
INST	4.81	1.58											INST
MAX	(1)	(29)											MAX
INST	5.34	5.41											INST
MIN	(26)	(10)											MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 106  
TOWNSHIP OF MARKHAM

CONC. 3 LOT 6

WELL REC #: 6911674  
UTM CO-ORD: 2-17 E632292 N4854345  
LAT & LONG: 43-50N08W 79-21WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: SEP 15 1963  
MEASURE PT: 1.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 605 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SANDY CLAY, GRAVEL 40; DIRTY SILT 50; DIRTY SAND AND GRAVEL 60; SAND AND GRAVEL 70; SAND, GRAVEL AND BOULDERS 85; FINE SAND 99; HARD PACKED SAND, GRAVEL 104.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 86.5 FEET  
LENGTH OF SCREEN: 17.5 FEET  
DEPTH OF WELL: 104 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			64.38	63.50	63.42	63.44		63.37	62.81	62.51	62.15		1
2			64.35	63.49	63.39			63.38		62.51	62.06		2
3			64.26	63.47	63.37			63.38		62.51	61.97		3
4			64.23	63.43	63.42	63.47				62.50	61.84		4
5				63.42	63.36	63.48				62.49	61.83		5
6				63.40		63.45		63.26		62.46	61.79		6
7				63.41	63.33	63.50		63.28		62.40			7
8					63.11			63.36		62.18			8
9					63.15		63.59	63.40		61.98			9
10					63.16		63.56			61.94			10
11					63.17	64.84	63.48			61.86			11
12			63.96			64.88	63.56			61.76			12
13			63.87			64.89	64.17	63.31		61.77			13
14			63.92		63.11	64.91	64.18	63.30		62.02			14
15			63.92		63.14	64.92	64.07	63.30		62.12			15
16			63.87	63.34	63.11	64.87	63.85	63.29		62.24			16
17			63.83	63.82	63.17	64.88	63.75	63.30		62.26			17
18				64.09			63.69	63.30		62.29			18
19			63.65	64.28			63.66			62.24			19
20			63.64	64.45			63.61	63.28		62.06			20
21			63.61	64.50	64.28			63.28		61.99			21
22			63.72		64.28			63.28		62.03			22
23			63.67		63.88		63.49	63.27		62.11			23
24			63.64		63.69		63.48	63.28		62.09			24
25			63.65		63.59	65.00	63.48	63.29		62.06			25
26			63.62		63.55	65.03	63.48			62.16			26
27		64.41	63.54		63.51	65.03	63.47	63.27		62.25			27
28		64.38	63.65		63.50	64.97	63.47	63.18		62.24			28
29		64.32	63.61		63.47	64.56	63.46	63.04		62.22			29
30			63.52	63.47	63.45	64.26	63.41	62.97		62.22			30
31			63.51		63.44		63.38	62.88		62.12			31

-MONTHLY SUMMARY-

MEAN										62.18			MEAN
INST										61.72			INST
MAX										(12)			MAX
INST										62.51			INST
MIN										(1)			MIN



ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 305

TOWNSHIP OF MARKHAM

CONC. 9

LOT 26

WELL REC #: 6910969  
UTM CO-ORD: Z-17 E642160 N4866360  
LAT & LONG: 43-56NORTH 79-14WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JUNE 1970  
MEASURE PT: 0.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 778 FEET ABOVE SEA LEVEL  
WELL TYPE: JUG  
WELL LOG: OVERBURDEN TILL 20.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 20 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 20 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: TILL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		4.84		2.77	3.22	3.77	4.48		4.50	4.40	4.21	4.64	1
2		4.85		2.12	3.35	3.61	4.39		4.38	4.48	4.30	4.68	2
3		4.85		2.34	3.38	3.63	4.31		4.38	4.57	4.37	4.70	3
4		4.87		2.62	3.45	3.74	4.10		4.45	4.63	4.43	4.72	4
5		4.89		2.87	3.53	3.87	4.02		4.50	4.67	4.51	4.76	5
6		4.89		3.07	3.55	3.97	4.07		4.72	4.69	4.55	4.79	6
7	4.86	4.89	2.67	3.20	2.70	4.06	4.17		4.80	4.55	4.58	4.78	7
8	4.88	4.90	2.70		2.54	4.14	4.18		4.72	4.39	4.61	4.78	8
9	4.89	4.90	2.84		2.74	4.19	4.22		4.76	4.32	4.63		9
10	4.91	4.94	2.94	3.48	2.97	4.24	4.30	4.11	4.63	4.14	4.63		10
11	4.95	4.95	3.01	3.55	3.08	4.27	3.96	4.20	4.60	4.07	4.65		11
12	4.96	4.95	3.09	3.63	2.98	4.32	3.64	4.27	4.62	4.08	4.66		12
13	4.97		3.12	3.68	3.05		3.69	4.22	4.65	4.11	4.67		13
14	4.99		2.95	3.71	3.22		3.84	3.60	4.67	4.15	4.68		14
15	5.02		2.84	3.71	3.37		3.93	3.37	4.69	4.19	4.69		15
16	5.01		2.91	3.40	3.45		4.01	3.47	4.76	4.26	4.70		16
17	5.01		2.97	3.22	3.24	4.30	4.10	3.62	4.70	4.34	4.71		17
18	5.02		3.05	3.35	3.14	4.34	4.21	3.81	4.58	4.44	4.70		18
19	5.03		3.14	3.48	3.21	4.35	4.31	3.97	4.45	4.53	4.69		19
20	5.04		3.16	3.59	3.28	4.32	4.41		4.41	4.53	4.70		20
21	5.06		2.84	3.67	3.31	4.36	4.37	4.25	4.32	4.29	4.71		21
22	5.06		2.29	3.71	3.38	4.38	4.35	4.34	4.31	4.08	4.72		22
23	5.06		2.47	3.77	3.48	4.42		4.41	4.29	3.97	4.73		23
24	5.05		2.75	3.81	3.58	4.44		4.48	4.28	3.92	4.74		24
25	4.96		2.78	3.69	3.67	4.43		4.52	4.32	3.88	4.74		25
26			2.69	3.32	3.77	4.45		4.56	4.37	3.88	4.73		26
27			2.73	2.78	3.84	4.47		4.58	4.23	3.92	4.67		27
28			2.76	2.76	3.90	4.51		4.57	4.15	3.98	4.60		28
29	4.79		2.69	2.93	3.94	4.51		4.50	4.20	4.03	4.55		29
30	4.81		2.83	3.08	3.98	4.53		4.50	4.29	4.08	4.57		30
31	4.83		2.94		3.94			4.52		4.13			31
-MONTHLY SUMMARY-													
MEAN					3.36				4.49	4.25	4.61		MEAN
INST					2.43				4.14	3.86	4.17		INST
MAX					( 7 )				(28)	(26)	( 1 )		MAX
INST					3.99				4.96	4.69	4.74		INST
MIN					(31)				( 6 )	( 6 )	(24)		MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 398

TOWNSHIP OF MARKHAM

CONC. 5

LOT 14

WELL REC #: 691171R  
UTM CO-ORD: Z-17 E635300 N485860C  
LAT & LONG: 43-52NORTH 79-19WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: SEP 30 1973  
MEASURE PT: 2.6 FEET ABOVE GROUND SURFACE  
GND ELEV: 590 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN TOPSIL 1; BROWN SAND 15; BLUE SANDY CLAY 47; BLUECLAY, SAND AND GRAVEL 67; GREY SAND AND GRAVEL 73.

DIAMETER OF WELL: 5 INCHES  
LENGTH OF CASING: 69 FEET  
LENGTH OF SCREEN: 4 FEET  
DEPTH OF WELL: 73 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.75	18.63		17.99	18.54	18.79	18.16	17.76	17.44	18.43	18.19	18.61	1
2	18.67	18.65		17.32	18.61	18.73	18.11	18.05	17.90	18.44	18.22	18.90	2
3	18.68	18.76		17.53	18.70	18.95	18.02	18.20	17.93	18.49	18.25	19.08	3
4	18.81	18.85		17.78	18.80	19.02	17.69	18.26	17.95	18.51	18.33	19.15	4
5	18.88	18.92		17.98	18.70	19.08	17.94	18.22	18.29	18.42	18.33	19.21	5
6	18.88	18.74		18.16	18.78	19.01	18.19	18.32	18.44	18.45	18.35	19.11	6
7	18.77	18.78	17.05	18.22	18.13	19.03	18.34	18.31	18.50	18.36	18.38	19.01	7
8	18.87	18.79	17.29		17.84	19.22	18.44	18.28	18.71	18.33	18.42	19.13	8
9	18.94	18.88	17.62		18.12	19.09	18.48	18.28	18.85	18.37	18.38	19.21	9
10	19.03	18.85	17.73	18.52	18.30	19.08	18.49	18.42	18.76	18.35	18.40	19.06	10
11	18.97	18.77	17.85	18.63	18.31	19.09	18.08	18.50	18.84	18.41	18.47	19.11	11
12	18.96	18.75	17.99	18.75	18.29	19.09	18.09	18.44	18.99	18.38	18.57	19.00	12
13	18.90	18.71	18.01	18.74	18.41		18.29	18.21	19.04	18.32	18.54	19.14	13
14	18.90	18.72	17.71	18.74	18.45		18.27	18.27	18.98	18.34	18.51	19.00	14
15	18.86	18.54	17.67	18.71	18.50		18.34	17.27	19.00	18.31	18.54	18.98	15
16	18.72	18.32	17.77	18.49	18.50		18.32	17.59	18.93	18.40	18.54	18.92	16
17	18.86	18.04	17.88	18.69	18.02	18.82	18.40	17.97	18.88	18.42	18.50	18.91	17
18	18.82	17.99	18.03	18.77	18.01	18.70	18.43	18.33	18.57	18.42	18.39	19.02	18
19		17.65	18.21	18.84	18.21	18.60	18.37	18.51	18.38	18.43	18.43	18.94	19
20		17.49	18.14	18.90	18.34	18.44	18.28	18.54	18.17	18.23	18.50	18.79	20
21		17.61	17.39	18.88	18.40	18.42	18.02	18.55	18.07	18.07	18.50	18.84	21
22		17.30	15.94	18.88	18.55	18.49	18.30	18.48	18.10	18.03	18.50	18.89	22
23		17.46	16.89	18.94	18.68	18.57	18.29	18.46	18.17	18.06	18.57	18.95	23
24		17.51	17.28	19.00	18.73	18.52	18.35	18.62	18.26	18.02	18.63	19.04	24
25		17.59	17.36	18.72	18.80	18.41	18.44	18.61	18.32	18.31	18.58	18.97	25
26		17.36	17.19	18.20	18.84	18.40	18.61	18.62	18.17	18.20	18.50	19.01	26
27		17.04	17.26	18.11	18.91	18.37	18.56	18.58	18.12	18.22	18.49	18.96	27
28		17.01	17.51	18.21	18.94	18.36	18.46	18.08	18.26	18.22	18.49	18.99	28
29	18.46	17.32	17.70	18.32	19.05	18.35	18.30	17.77	18.50	18.24	18.46	18.99	29
30	18.63		17.87	18.51	19.16	18.21	18.03	17.82	18.54	18.25	18.54	19.05	30
31	18.61		17.98		19.00		17.99	17.95		18.22		19.03	31
-MONTHLY SUMMARY-													
MEAN		18.18			18.54		18.26	18.19	18.45	18.29	18.45	19.00	MEAN
INST		16.98			17.78		17.64	16.68	17.81	17.94	18.12	18.56	INST
MAX		(28)			( 8 )		( 4 )	(14)	( 1 )	(26)	( 1 )	( 1 )	MAX
INST		19.76			19.24		18.70	18.73	19.10	18.55	18.68	19.35	INST
MIN		( 4 )			(30)		(26)	(24)	(12)	( 3 )	(25)	( 5 )	MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 090  
BOROUGH OF NORTH YORK

WELL REC #: 6905098  
UTM CO-ORD: 2-17 E626320 N4645690  
LAT & LONG: 43-46NORTH 79-26WEST

REC METHOD: A35 RECORDER  
REC COMMCD: APR 7 1961  
MEASURE PT: 5.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 477 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SOIL AND SAND 3; SAND AND GRAVEL 13; SAND, GRAVEL AND SOME CLAY 40; PACKED SAND, CLAY 56; SAND, GRAVEL AND CLAY 59; CONGLOMERATE, SOME CLAY 72; CEMENTED GRAVEL 75; CEMENTED GRAVEL, CLAY 83; SAND, GRAVEL AND CLAY 127; SAND, GRAVEL AND SOME CLAY 132; SAND AND GRAVEL 150.

DIAMETER OF WELL: 16 INCHES  
LENGTH OF CASING: 131 FEET  
LENGTH OF SCREEN: 15 FEET  
DEPTH OF WELL: 146 FEET

PUMP RATE: 1085 GPM  
SPEC. CAP: 21.7 LPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										-0.17	0.11	0.14	1
2										-0.13	0.03	0.09	2
3										-0.09	-0.18	0.17	3
4										0.05	-0.13	0.26	4
5										-0.03	-0.10	0.44	5
6										-0.21	-0.18	0.26	6
7										-0.01	-0.14	-0.10	7
8										-0.01	-0.01	0.12	8
9										-0.29	-0.25	0.18	9
10										-0.19	-0.34	0.10	10
11										0.14	-0.03	0.25	11
12										0.06	0.15	-0.10	12
13										-0.33	0.12	0.27	13
14										-0.33	0.01	0.07	14
15										-0.45	0.0	-0.01	15
16										-0.09	0.12	-0.18	16
17										0.14	-0.06	-0.29	17
18										0.29	-0.34	0.19	18
19										0.27	-0.38	-0.02	19
20										-0.07	-0.21	-0.41	20
21										-0.38	-0.50	-0.16	21
22										-0.21	-0.28	-0.01	22
23										0.13	-0.05	-0.20	23
24										0.04	0.01	0.11	24
25										-0.07	-0.03	-0.10	25
26										0.10	-0.23	-0.50	26
27										0.33	-0.24	-0.25	27
28										0.20	-0.02	-0.40	28
29									-0.28	0.03	-0.06	-0.37	29
30									-0.27	-0.02	0.12	-0.08	30
31										-0.19		-0.17	31

-MONTHLY SUMMARY-

MEAN										-0.05	-0.10	-0.00	MEAN
INST MAX										-0.53 (15)	-0.45 (10)	-0.58 (20)	INST MAX
INST MIN										0.36 (27)	0.24 (30)	0.52 (5)	INST MIN

ENVIRONMENT ONTARIO  
TORONTO  
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 340  
TOWNSHIP OF WHITCHURCH

WELL REC #: 6910965  
UTM CO-ORD: 2-17 E632050 N4878700  
LAT & LONG: 44-04NORTH 79-21WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: MAY 26 1971  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 975 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: TOPSOIL 4; SAND 29.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 29 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 29 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: SAND  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.19		17.41		16.66	17.94	19.94	18.63	19.94	20.35	19.99		1
2	22.21		18.32		16.74	18.03	19.97	18.43	19.99	20.38	20.02		2
3	22.20		18.66		16.91	18.10	19.98	18.34	20.01	20.41	19.97		3
4	22.19		18.86		17.09	18.17	19.97	18.27	19.96	20.44	19.96		4
5			12.25		17.11	18.27	19.95	18.23	19.97	20.47	19.97		5
6			13.00		17.20	18.32	19.92	18.32	20.05	20.46	19.97		6
7	22.70		16.72		17.25	18.33	19.88	18.47	20.11	20.50	19.99		7
8	22.68		17.89	17.23	16.88	18.42	19.86	18.58	20.17	20.51	20.05		8
9	22.67		18.23	17.36	16.28	18.55	19.85	18.70	20.21	20.46	20.05		9
10	22.66		18.34	17.37	16.07	18.67	19.84	18.83	20.20	20.39	20.04		10
11	22.64		18.54	17.46	16.11	18.75	19.73	18.95	20.21	20.41	20.06		11
12	22.62		18.66	17.69	16.28	18.95	19.60	19.02	20.29	20.40	20.16		12
13	22.60		17.21	17.73	16.46	19.11	19.51	19.07	20.37	20.31	20.19		13
14	22.58		17.53	17.80	16.59	19.19	19.45	19.12	20.44	20.22	20.20		14
15	22.57		17.93	17.86	16.78	19.26	19.40	19.11	20.46	20.19	20.20		15
16	22.55		18.09	17.75	16.87	19.32	19.35	19.08	20.49	20.22	20.23		16
17	22.55		18.23	17.38	16.83	19.47	19.37	19.04	20.51	20.29	20.25		17
18	22.56		18.47	17.14	16.62	19.58	19.40	18.99	20.49	20.33	20.20		18
19	22.55		17.29	17.07	16.43	19.61	19.44	18.96	20.49	20.35	20.20		19
20	22.53	19.67	12.05	17.14	16.41	19.65	19.48	18.95	20.48	20.30	20.25		20
21	22.51	20.06	11.98	17.25	16.52	19.68	19.51	18.97	20.43	20.20	20.28		21
22	22.49	16.57	14.95	17.37	16.73	19.71	19.58	19.00	20.41	20.17			22
23	22.47			17.59	16.92	19.75	19.61	19.11	20.43	20.22			23
24	22.46	19.44		17.77	17.07	19.76	19.60	19.25	20.47	20.22			24
25	22.46	19.27		17.78	17.23	19.74	19.58	19.36	20.46	20.17			25
26	21.45	15.95		17.70	17.39	19.81	19.51	19.45	20.43	20.15			26
27	20.67	14.88		17.60	17.54	19.90	19.44	19.53	20.38	20.17			27
28	21.17	16.76		17.35	17.65	19.95	19.45	19.62	20.38	20.15			28
29		17.18		16.91	17.69	19.95	19.44	19.73	20.35	20.06			29
30				16.68	17.76	19.95	19.25	19.86	20.33	20.02			30
31					17.85		18.94	19.93		19.97			31

-MONTHLY SUMMARY-

MEAN					16.90	19.13	19.61	19.00	20.30	20.29			MEAN
INST MAX					16.06 (10)	17.89 (1)	18.77 (31)	18.22 (5)	19.94 (1)	19.96 (31)			INST MAX
INST MIN					17.89 (31)	19.96 (28)	19.99 (3)	19.94 (31)	20.51 (17)	20.54 (8)			INST MIN









## OBSERVATION WELL DATA

**REGIONAL OFFICE**  
**KINGSTON**  
133 Dalton St.  
613-549-4000

**DISTRICT OFFICES**  
**Belleville**  
15 Victoria Ave.  
613-962-9208  
**Cornwall**  
408 Pitt St.  
613-933-7402  
**Ottawa**  
2378 Holly Lane  
613-521-3450  
**Pembroke**  
1000 MacKay St.  
P.O. Box 67  
613-732-3643

### LEGEND

- Regional Office 
- District Office 
- Recording Observation Well 
- Number of Recording Wells in same location 
- Manually Measured Well 
- Number of Manually Measured Wells in same location 



OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO  
TORONTO  
HASTINGS COUNTY

OBSERVATION WELL 209

TOWNSHIP OF HUNGERFORD

CONC. 5

LOT 1

WELL REC #: 25CC584  
UTM CO-ORD: 2-18 E312962 N4918717  
LAT & LONG: 44-24NORTH 77-21WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: NOV. 28 1967  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 540 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SAND AND BOULDERS 7; LIMESTONE 71.

DIAMETER OF WELL: 6.25 INCHES  
LENGTH OF CASING: 8.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 71 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.57	34.14	18.19		34.56		34.12	31.83					1
2	32.50	34.47	18.32		34.41		33.96						2
3	32.90	34.37	20.45		33.45	35.26	34.24						3
4	34.55	33.66	23.43		33.13	36.15	34.28	32.92					4
5	34.74	34.10	25.20		33.44	36.37	36.26	31.88					5
6	34.44	33.55	18.66		33.40	35.86	35.77	31.79					6
7	34.20	33.72	17.32		32.76	35.46	34.99	32.88					7
8	34.05	33.58			32.91	35.38	34.92	33.42					8
9	34.09	33.60			33.47	34.91	35.06	33.60					9
10	34.08	33.50			33.92	32.49	34.98	33.98					10
11	34.13	33.81			34.15	33.06	34.77	34.02					11
12	34.26	33.32			34.06	31.56	34.75	33.98					12
13	34.52	33.73			33.82	31.67	34.79	34.01					13
14	34.45	36.41			32.91	32.77	34.68	34.21					14
15	34.92	36.72			32.53	32.84	34.56	34.31					15
16		36.01			33.56	32.28	34.41	34.09					16
17		35.09			33.84	31.56	34.47	32.93				38.02	17
18		34.54			34.42	32.28	34.50	32.73				38.24	18
19	34.66	33.64			34.26	33.17	35.13	32.23					19
20	34.50	33.97			34.05	33.52	35.35	31.85					20
21	33.95	33.87			34.32	33.32	35.17	32.62					21
22	32.71	33.14			34.60	33.82	35.22	32.84	36.41				22
23	34.18	28.55			34.85	33.82	35.46	37.11	36.59				23
24	34.74	27.44			34.62	33.94	35.23	37.12	36.80				24
25	34.41	29.17			34.55	33.76	35.50		36.45				25
26	33.98	25.63			34.32	33.88	35.56						26
27	33.44	26.31			34.59		34.94						27
28	33.61	26.95			34.76		34.61						28
29	33.81	26.03		34.53	34.84		34.36						29
30	34.10			34.69			33.09						30
31	34.20						32.92						31

-MONTHLY SUMMARY-

MEAN		32.55					34.77						MEAN
INST			19.30					31.91					INST
MAX			(29)					(31)					MAX
INST			35.25					38.90					INST
MIN			(10)					(5)					MIN

ENVIRONMENT ONTARIO  
TORONTO  
HASTINGS COUNTY

OBSERVATION WELL 400

TOWNSHIP OF SIDNEY

CONC. 5

LOT 1

WELL REC #: 2906088  
UTM CO-ORD: 2-18 E291640 N4896980  
LAT & LONG: 44-12NORTH 77-37WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: JAN. 1974  
MEASURE PT: 3.4 FEET ABOVE GROUND SURFACE  
GND ELEV: 400 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLACK TOPSOIL 1; BROWN SAND 3; LOOSE BROWN SAND AND FINE GRAVEL 7; BROWN SAND AND COARSE GRAVEL 50; BROWN SAND AND GRAVEL BOULDERS 60; GREY LIMESTONE 65.

DIAMETER OF WELL: 7 INCHES  
LENGTH OF CASING: 50 FEET  
LENGTH OF SCREEN: 10 FEET  
DEPTH OF WELL: 60 FEET

PUMP RATE: 140 IGPM  
SPEC. CAP: 98.6 IGPM/FT  
AQUIFER: SAND AND GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.74		48.83	45.11	43.11	43.06	44.56	45.74	46.50	47.84	45.25	50.24	1
2	45.75		48.74	44.95	43.06	43.12	44.58	45.77	46.94	47.87	45.33	50.25	2
3	45.76		48.63	44.79	43.04	43.15	44.59	45.81	46.57	47.90	45.41	50.25	3
4	45.77		48.53	44.63	43.04	43.20	44.61	45.86	47.00	47.93	45.43	50.28	4
5	45.78	50.05	48.45	44.49	43.01	43.25	44.63	45.89	47.03	47.98	45.43	50.31	5
6	45.78	50.04	48.36	44.39	43.02	43.29	44.65	45.91	47.06	48.01	45.43	50.35	6
7	45.79	50.03	48.23	44.30	43.02	43.35	44.66	45.94	47.09	48.05	45.42	50.38	7
8	45.75	50.02	48.14	44.22	43.01	43.42	44.68	45.97	47.12	48.10	45.44	50.40	8
9	45.80	50.02	48.05	44.15	42.99	43.50	44.71	46.01	47.15	48.14	45.51	50.42	9
10	45.81	50.02	47.95	44.05	42.97	43.58	44.73	46.04	47.19	48.18	45.61	50.45	10
11	45.85	50.03	47.86	43.99	42.95	43.66	44.75	46.07	47.23	48.22	45.69	50.50	11
12	45.90	50.03	47.77	43.95	42.95	43.75	44.79	46.10	47.26	48.26	45.76	50.52	12
13	45.91	50.04	47.69	43.88	42.95	43.81	44.81	46.12	47.30	48.25	45.81	50.54	13
14	45.93	50.03	47.62	43.85	42.95	43.68	44.87	46.15	47.34	48.35	45.86	50.58	14
15	45.94	50.02	47.54	43.82	42.95	43.95	44.91	46.19	47.38	48.42	45.87	50.62	15
16	45.96	45.98	47.47	43.76	42.95	44.01	44.94	46.23	47.40	48.48	45.86	50.64	16
17	45.97	45.88	47.39	43.70	42.95	44.09	44.98	46.26	47.43	48.50	45.86	50.65	17
18		45.81	47.32	43.65	42.94	44.16	45.03	46.28	47.47	48.50	45.86	50.69	18
19		45.75	47.24	43.60	42.93	44.22	45.08	46.33	47.50	48.53	45.93	50.72	19
20		45.67	47.15	43.57	42.92	44.27	45.14	46.41	47.53	48.60	45.91	50.74	20
21		45.58	47.02	43.54	42.91	44.31	45.21	46.45	47.55	48.65	45.90	50.76	21
22		45.50	46.89	43.51	42.91	44.34	45.26	46.45	47.56	48.74	45.91	50.81	22
23		45.43	46.72	43.48	42.90	44.37	45.29	46.52	47.61	48.74	45.91	50.86	23
24		45.36	46.55	43.44	42.90	44.40	45.32	46.58	47.63	48.75	45.92	50.88	24
25		45.28	46.36	43.38	42.89	44.44	45.41	46.63	47.66	48.82	45.92	50.91	25
26		45.19	46.17	43.34	42.90	44.49	45.45	46.68	47.69	48.88	45.93	50.94	26
27		45.10	45.99	43.30	42.93	44.51	45.49	46.73	47.70	48.98	45.94	50.98	27
28		45.01	45.81	43.24	42.95	44.52	45.54	46.77	47.73	49.08	45.94	51.01	28
29		45.93	45.63	43.19	42.97	44.54	45.59	46.80	47.77	49.14	45.95	51.04	29
30			45.44	43.14	42.99	44.55	45.65	46.85	47.80	49.16	45.96	51.07	30
31			45.27		43.02		45.70	46.88		49.17		51.09	31

-MONTHLY SUMMARY-

MEAN		47.32	43.88	42.57	43.91	45.02	46.27	47.37	48.46	49.63	50.64	MEAN
INST		45.15	43.13	42.89	43.04	44.56	45.72	46.85	47.82	48.90	50.24	INST
MAX		(31)	(30)	(26)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	MAX
INST		48.88	47.15	43.13	44.56	45.72	46.89	47.82	48.90	50.20	51.11	INST
MIN		(1)	(1)	(1)	(30)	(31)	(21)	(30)	(31)	(25)	(31)	MIN

ENVIRONMENT ONTARIO  
TORONTO  
HASTINGS COUNTY

OBSERVATION WELL 122

TOWNSHIP OF THURLLOW

CONC. 6

LOT 22

WELL REC #: 2905403  
UTM CO-ORD: 2-18 E312600 N4904950  
LAT & LONG: 44-17NORTH 77-21WEST

REC METHOD: F#1 TYPE RECORDER  
REC COMMD: FEB 2 1965  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 375 FEET ABOVE SEA LEVEL  
WELL TYPE: DUG  
WELL LOG: STONEY CLAY 30.3.

DIAMETER OF WELL: 48 INCHES  
LENGTH OF CASING: 30.3 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 30.3 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: CLAY  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							5.86	7.67	5.71	10.52	9.58	9.26	1
2							5.76	7.71	9.76	10.51	9.95	9.17	2
3							5.68	7.77	9.81	10.51	9.52	9.09	3
4						4.07	5.61	7.82	9.86	10.52	9.88	9.02	4
5						4.23	5.57	7.87	9.91	10.55	9.85	8.96	5
6						4.36	5.57	7.95	9.97	10.57	9.82	8.89	6
7						4.50	5.60	8.03	10.02	10.60	9.79	8.82	7
8						4.64	5.66	8.11	10.06	10.63	9.77	8.77	8
9						4.78	5.76	8.18	10.11	10.64	9.74	8.74	9
10	4.18					4.91	5.85	8.26	10.15	10.65	9.72	8.70	10
11	4.25					5.04	5.94	8.35	10.20	10.66	9.70	8.65	11
12	4.47					5.19	6.04	8.42	10.25	10.63	9.67	8.62	12
13	4.55					5.32	6.14	8.50	10.29	10.58	9.65	8.58	13
14	4.58					5.44	6.23	8.57	10.33	10.54	9.63	8.55	14
15	4.59					5.56	6.30	8.64	10.38	10.50	9.61		15
16	4.61					5.67	6.39	8.71	10.42	10.48	9.60		16
17	4.61					5.74	6.48	8.79	10.47	10.47	9.58	8.42	17
18						5.81	6.57	8.86	10.51	10.47	9.56	8.43	18
19						5.87	6.66	8.94	10.55	10.47	9.56	8.44	19
20						5.92	6.75	9.01	10.58	10.48	9.54	8.44	20
21						5.99	6.84	9.09	10.61	10.48	9.53		21
22						6.07	6.93	9.16	10.62	10.45	9.52		22
23						6.15	7.02	9.23	10.63	10.41	9.51		23
24						6.22	7.11	9.28	10.63	10.35	9.49		24
25						6.27	7.19	9.34	10.62	10.29	9.50		25
26						6.32	7.26	9.40	10.61	10.23	9.49		26
27						6.30	7.36	9.46	10.60	10.18	9.47		27
28						6.26	7.46	9.51	10.58	10.13	9.45		28
29						6.18	7.55	9.56	10.54	10.08	9.39		29
30						6.00	7.60	9.61	10.52	10.04	9.33		30
31							7.63	9.66		10.01			31
-MONTHLY SUMMARY-													
MEAN						6.46		8.69	10.31	10.44	9.64		MEAN
INST							5.56	7.65	9.69	10.00	9.30		INST
MAX						( 5 )	( 1 )	( 1 )	( 1 )	( 31 )	( 30 )		MAX
INST							7.65	9.69	10.63	10.67	10.00		INST
MIN						( 31 )	( 31 )	( 24 )	( 11 )	( 1 )			MIN

ENVIRONMENT ONTARIO  
TORONTO  
HASTINGS COUNTY

OBSERVATION WELL 256

TOWNSHIP OF THURLLOW

CONC. 6

LOT 22

WELL REC #: 2904367  
UTM CO-ORD: 2-18 E313250 N4905130  
LAT & LONG: 44-17NORTH 77-20WEST

REC METHOD: A35 RECORDER  
REC COMMD: JUN. 22 1970  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 375 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BROWN TOPSOIL 1; BROWN CLAY AND BOULDERS 3; (DENSE) BROWN SANDY CLAY, BROKEN GRAVEL, BOULDERS 45; HARD LIMESTONE 188; RED GRANITE 190.

DIAMETER OF WELL: 6.25 INCHES  
LENGTH OF CASING: 45 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 190 FEET

PUMP RATE: 2 IGFP  
SPEC. CAP: 0.07 IGFP/FT  
AQUIFER: LIMESTONE  
QUALITY: N.A.

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

LAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.29	16.10	15.59	15.34	15.65	15.67	16.01	16.42	16.72	17.02	16.81	16.99	1
2	16.41	16.10	15.52	15.34	15.46	15.67	16.01	16.44	16.76	16.86	16.80	17.00	2
3	16.41	16.10	15.32	15.36	15.47	15.70	15.94	16.47	16.78	16.81	16.80	16.99	3
4	16.44	16.12	15.32	15.39	15.52	15.72	15.92	16.50	16.82	16.89	16.81	16.99	4
5	16.45	16.12	15.37	15.39	15.54	15.73	15.93	16.54	16.86	16.68	16.82	17.00	5
6	16.45	16.13	15.41	15.39	15.54	15.75	15.88	16.56	16.90	16.71	16.83	16.84	6
7	16.46	16.16	15.43	15.27	15.54	15.77	15.87	16.58	16.61	16.71	16.83	16.71	7
8	16.46	16.17	15.42	14.96	15.46	15.79	15.88	16.61	16.94		16.84	16.71	8
9	16.50	16.15	15.33	14.90	15.45	15.80	15.89	16.64	16.54		16.84	16.76	9
10	16.53	16.22	15.24	14.98	15.46	15.82	15.89	16.37	16.78		16.84	16.84	10
11	16.53	16.22	15.24	14.99	15.47	15.83	15.91	16.36	16.78		16.84	16.89	11
12	16.54	16.22	15.25	14.95	15.49	15.86	15.93	16.32	16.81		16.84	16.92	12
13	16.55	16.23	15.23	14.86	15.53	15.88	15.95	16.31	16.88		16.84	16.94	13
14	16.55	16.23	15.24	14.83	15.54	15.91	16.02	16.37	16.61		16.85	16.97	14
15	16.54	16.26	15.20	14.86	15.54	15.93	16.05	16.42	16.80		16.88	16.99	15
16	16.55	16.26	15.32	14.86	15.55	15.95	16.08	16.46	16.75		16.80	17.00	16
17	16.54	16.26	15.35	14.79	15.56	15.97	16.10	16.52	16.80		16.92	17.01	17
18	16.53	16.27	15.36	14.86	15.57	15.98	16.12	16.56	16.84		16.94	17.02	18
19	16.54	16.27	15.18	14.91	15.57	16.01	16.15	16.60	16.84		16.94	17.03	19
20	16.55	16.25	15.14	14.94	15.56	16.05	16.20	16.58	16.89		16.95	17.03	20
21	16.55	16.25	15.19	14.98	15.48	15.97	16.20	16.58	16.91		16.94	17.04	21
22	16.56	16.23	15.24	14.94	15.46	15.95	16.17	16.61	16.55		16.94	17.05	22
23	16.56	16.17	15.27	14.87	15.46	15.95	16.17	16.68	16.59	16.73	16.94	17.08	23
24	16.56	16.07	15.30	14.90	15.46	15.95	16.21	16.55	16.65	16.73	16.94		24
25	16.56	15.96	15.13	14.96	15.52	15.96	16.25	16.50	16.80	16.73	16.94		25
26	16.56	15.91	15.15	15.00	15.54	15.95	16.26	16.53	16.85	16.73	16.94		26
27	16.57	15.83	15.36	15.05	15.56	15.95	16.30	16.54	16.89	16.75	16.94		27
28	16.57	15.65	15.16	15.09	15.58	15.97	16.35	16.55	16.78	16.94	16.94		28
29	16.57	15.61	15.34	15.42	15.60	16.01	16.38	16.59	16.59	16.80	16.96		29
30	16.16		15.43	15.44	15.62	16.02	16.40	16.66	17.02	16.81	16.97		30
31	16.12		15.34		15.65		16.38	16.70		16.81			31
-MONTHLY SUMMARY-													
MEAN	16.45	16.12	15.32	15.06	15.52	15.88	16.09	16.52	16.87		16.89		MEAN
INST	16.41	15.61	15.14	14.76	15.18	15.66	15.87	16.29	16.71		16.80		INST
MAX	( 1 )	( 25 )	( 19 )	( 17 )	( 1 )	( 1 )	( 6 )	( 12 )	( 1 )		( 3 )		MAX
INST	16.58	16.27	15.00	15.45	15.66	16.05	16.41	16.71	17.02		16.98		INST
MIN	( 29 )	( 15 )	( 1 )	( 30 )	( 31 )	( 20 )	( 30 )	( 31 )	( 30 )		( 30 )		MIN

ENVIRONMENT ONTARIO  
TORONTO  
HASTINGS COUNTY

OBSERVATION WELL 123

TOWNSHIP OF TYENDINAGA

CONC. 6 LOT 7

WELL REC #: 2905484  
UTM CO-ORD: 2-18 E317400 N4911425  
LAT & LONG: 44-20N 77-17W

REC METHOD: 'F' TYPE RECORDER  
REC COMMCD: FEB 2 1965  
MEASURE PT: 2.5 FEET ABOVE GROUND SURFACE  
GND ELEV: 475 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: OVERBURDEN (CLAY AND STONES) 35; LIMESTONE 72.

DIAMETER OF WELL: 8 INCHES  
LENGTH OF CASING: 35 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 72 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELCW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				12.10	16.56	22.53	25.62	26.60			26.75	26.43	1
2				11.92	16.59	23.17	25.62	26.71			26.64	26.27	2
3				12.05	16.66	23.60	25.59	26.72			26.51		3
4				12.29	16.76	24.11	25.51	26.60			26.60		4
5		25.74		12.59	16.89	24.31	25.45	26.57			26.55		5
6		25.44		12.89	18.13	24.29	25.44	26.76		27.50	26.42		6
7		25.32		13.19	19.34	24.42	25.39	26.75			26.42		7
8		25.27		13.46	19.42	24.58	25.43	26.76			26.45		8
9		25.76	14.31	13.73	19.18	24.76	25.57	26.83		27.36	26.23		9
10	25.58	25.38	14.42	13.94	19.28	24.83	25.54	26.86			26.22		10
11	25.25	25.61	14.66	14.21	19.40	24.90	25.40	26.85			26.48		11
12	25.50	25.74	14.84	14.52	19.95	25.25	25.50	26.82			26.51		12
13	25.19	25.66	14.83	14.78	20.59	25.25	25.63	26.86	28.18	26.98	26.40		13
14	25.56	25.96	14.86	15.04	20.86	25.27	25.75	26.93	28.09	26.98	26.33		14
15	25.71	25.30	14.94	15.29	21.45	25.37	25.81	27.07	28.09	26.95	26.37		15
16	25.46	25.24	14.99	15.50	21.69	25.49	25.81	27.19	28.10	27.15	26.48		16
17	25.82	24.92	15.13	15.70	21.78	25.70	25.94	27.26	28.01	27.25	26.31	26.33	17
18		24.66	15.36	15.88	22.11	25.73	26.06	27.33	27.93	27.26	26.19	26.70	18
19		24.38	15.47	16.04	22.10	25.72	26.12	27.32	27.95	27.22	26.22	26.44	19
20		24.25	15.35	16.19	21.85	25.85	26.08	27.32	27.82	26.94	26.45	26.15	20
21		21.95	14.65	16.33	20.90	25.94	26.18	27.31	27.90	26.70	26.37	26.48	21
22			14.17	16.41	19.86	26.00	26.33	27.44	27.96	26.88	26.40	26.66	22
23			13.89	16.42	18.13	26.08	26.24	27.60	28.02	27.07	26.61	26.47	23
24			13.54	16.43	17.05	26.01	26.26	27.55	28.12	26.88	26.65	26.72	24
25			13.07	16.43	17.00	25.97	26.42	27.54	27.93	26.73	26.62	26.51	25
26			12.74	16.44	17.57	26.10	26.39	27.54	27.78	26.75	26.48	26.35	26
27			12.53	16.44	18.90	26.03	26.40	27.56	27.66	26.84	26.48	26.48	27
28			12.40	16.46	20.10	25.92	26.58		27.66	26.63	26.60	26.47	28
29			12.42	16.47	20.79	25.86	26.56		27.61	26.55	26.43	26.46	29
30			12.46	16.51	21.46	25.72	26.58			26.58	26.48	26.64	30
31			12.58		21.96		26.58			26.51		26.62	31
-MONTHLY SUMMARY-													
MEAN				14.85	19.49	25.16	25.93				26.45		MEAN
INST				11.89	16.54	22.17	25.36				26.67		INST
MAX				( 2 )	( 1 )	( 1 )	( 1 )				( 18 )		MAX
INST				16.54	22.22	26.12	26.62				26.77		INST
MIN				( 30 )	( 19 )	( 26 )	( 28 )				( 1 )		MIN

ENVIRONMENT ONTARIO  
TORONTO  
LENNEX AND ADDINGTON COUNTY

OBSERVATION WELL 474

TOWNSHIP OF ERNESTOWN

CONC. 5 LOT 14

WELL REC #: 37C1191  
UTM CO-ORD: 2-18 E355480 N4902559  
LAT & LONG: 44-16N 76-49W

REC METHOD: A35 RECORDER  
REC COMMCD: JAN. 18 1968  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 350 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 3; LIMESTONE 23.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 8 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 23 FEET

PUMP RATE: 2 IGFM  
SPEC. CAP: 0.25 IGFM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELCW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.16	5.56	5.25	4.74	5.64	5.62	5.61	5.66		6.73	6.00		1
2	6.16	5.96	5.53	4.91	5.56	5.63	5.61	5.70		6.76	6.09		2
3	6.17	5.97	5.67	5.11	5.63	5.72	5.59	5.75		6.73	6.12		3
4	6.18	5.58	5.65	5.28	5.68	5.73	5.54	5.81		6.75	6.12		4
5	6.19	6.00	5.41	5.39	5.71	5.74	5.61	5.85		6.74	6.09		5
6	6.19	6.02	5.32	5.47	5.73	5.74	5.69	5.89		6.72	6.08		6
7	6.20	6.02	5.49	5.55	5.23	5.75	5.73	5.92		6.71	6.07		7
8	6.21	6.04	5.62	5.61	5.32	5.77	5.74	5.81		6.68	6.07		8
9	6.21	6.07	5.70	5.65	5.43	5.81		5.74		6.43	6.08		9
10	6.21	6.07	5.77	5.67	5.51	5.83		5.78		6.05	6.09		10
11	6.21	6.01	5.80	5.70	5.51	5.84		5.83		6.26	6.10		11
12	6.21	5.96	5.80	5.73	5.47	5.86		5.83		6.25	6.10		12
13	6.23	5.93	5.55	5.74	5.54	5.88		5.82		6.31	6.11		13
14	6.24	5.86	5.56	5.76	5.53	5.89		5.81		6.36	6.10		14
15	6.24	5.85	5.70	5.76	5.52	5.89		5.83		6.36	6.09		15
16	6.24	5.58	5.74	5.76	5.55	5.89		5.84		6.41	6.06		16
17	6.24	5.67	5.79	5.77	5.54	5.84		5.85		6.43	6.08		17
18	6.24	5.68	5.82	5.77	5.40	5.85		5.90		6.42	6.07		18
19	6.25	5.36	5.70	5.77	5.11	5.84	5.85	5.94		6.41	6.07		19
20	6.24	5.47	5.28	5.77	4.62	5.80	5.85	5.97		6.34	6.07		20
21	6.24	5.50	4.70	5.77	4.71	5.80	5.86	6.00		5.86	6.08		21
22	6.24	5.23	4.83	5.47	4.80	5.81	5.89	6.02		6.10	6.08		22
23	6.24	5.46	4.90	5.48	5.04	5.81	5.92	6.04		6.18			23
24	6.24	5.58	4.78	5.60	5.18	5.82	5.95		6.72	6.21			24
25	6.23	5.52	4.53	5.58	5.69	5.58	5.67		6.78	6.17			25
26	6.05	5.42	4.63	5.38	5.36	5.58	6.01		6.74	6.18			26
27	5.72	5.26	4.72	5.44	5.43	5.44	6.02		6.48	6.22			27
28	5.64	5.29	4.76	5.45	5.50	5.62	6.04		6.61	6.26			28
29	5.86	5.27	5.01	5.57	5.54	5.61	5.97		6.67	6.26			29
30	5.86		5.20	5.62	5.56	5.60	5.83		6.70	6.25			30
31	5.91		5.18		5.59		5.78			6.04			31
-MONTHLY SUMMARY-													
MEAN	6.15	5.72	5.34	5.54	5.40	5.75				6.38			MEAN
INST	5.68	5.11	4.41	4.60	4.59	5.13				5.74			INST
MAX	( 27 )	( 27 )	( 25 )	( 1 )	( 20 )	( 26 )				( 21 )			MAX
INST	6.25	6.06	5.84	5.77	5.74	5.90				6.77			INST
MIN	( 15 )	( 5 )	( 19 )	( 17 )	( 6 )	( 16 )				( 2 )			MIN

ENVIRONMENT ONTARIO  
TORONTO  
LENNEX AND ADDINGTON COUNTY

OBSERVATION WELL 478  
TOWNSHIP OF ERNESTOWN

CONC. 4 LOT 14

WELL REC #: 37CC588  
UTM CO-ORD: Z-18 E355500 N4901600  
LAT & LONG: 44-15ACRTH 76-48WEST

REC METHOD: A35 RECORDER  
REC COMMD: JAN. 18 1968  
MEASURE PT: 2.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 350 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: CLAY 6; LIMESTONE 104.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 5.5 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 103 FEET

PUMP RATE: 1 IGPM  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.54	3.56											1
2	6.79	3.68											2
3	6.80	3.81											3
4	6.86	4.05											4
5	6.85	4.35											5
6	6.92	4.62			5.87								6
7	7.07	4.85		3.42	4.29								7
8	7.14	5.03		3.81	3.21								8
9	7.28	5.17		4.17	3.34								9
10	7.40	5.37		4.45	3.70								10
11	7.58	5.55		4.61	4.03								11
12	7.63	5.88		4.91	3.95								12
13	6.00	6.64		5.09	4.22								13
14	8.40	6.15											14
15	8.60	6.08											15
16	8.65	5.92											16
17	8.80	5.73											17
18	8.50	4.50											18
19	8.97	4.25											19
20	5.03	3.72											20
21	5.13	3.42											21
22	5.17	3.67											22
23	5.27												23
24	5.30												24
25	5.35												25
26	5.46												26
27	5.40												27
28	5.58												28
29	3.71												29
30	3.38												30
31	3.40												31
-MONTHLY SUMMARY-													
MEAN	7.41												MEAN
INST	3.35												INST
MAX	(30)												MAX
INST	5.45												INST
MIN	(26)												MIN

ENVIRONMENT ONTARIO  
TORONTO  
LENNEX AND ADDINGTON COUNTY

OBSERVATION WELL 479  
TOWNSHIP OF ERNESTOWN

CONC. 5 LOT 14

WELL REC #: 37C1152  
UTM CO-ORD: Z-18 E355459 N4902602  
LAT & LONG: 44-16ACRTH 76-49WEST

REC METHOD: A35 RECORDER  
REC COMMD: JAN. 18 1968  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 350 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: LIMESTONE 44.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 8 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 44 FEET

PUMP RATE: 2 IGPM  
SPEC. CAP: 0.06 IGPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					3.81	4.07	3.59	4.20	5.35				1
2					3.72	4.14	3.65	4.15	4.90				2
3					3.81	4.20	3.88	4.31	4.81				3
4					4.00	4.26	3.71	4.58	4.93				4
5					4.07	4.28	3.94	4.78	5.21				5
6					4.10	4.30	4.17	4.96					6
7					3.35	4.29	4.34	5.07					7
8					2.65	4.08	4.47	4.92					8
9					2.65	4.12	4.32	4.48					9
10					2.93	4.32	4.26	4.49					10
11					3.20	4.37	4.42	4.77					11
12					3.15	4.41	4.65	4.99					12
13					3.24	4.47	4.69	4.57					13
14				3.54	3.40	4.49	4.39	4.90					14
15				3.82	3.37	4.52	4.42	5.09					15
16				3.78	3.54	4.60	4.61	5.14					16
17				3.85	3.48	4.37	4.71	5.22					17
18				3.92	3.35	4.33	4.80	5.29					18
19				3.99	2.90	4.39	4.88	5.43					19
20				4.07	1.71	4.07	4.93	5.55					20
21				4.11	1.20	4.01	4.97	5.64					21
22				3.54	1.41	4.07	5.04	5.68					22
23				3.82	1.70	4.19	5.11	5.68					23
24				3.81	2.06	4.35	5.14	5.74					24
25				3.87	2.48	4.12	5.18	5.77					25
26				3.17	2.83	3.78	5.25	5.79					26
27				3.84	3.22	3.32	5.28	5.79					27
28				3.84	3.54	3.49	5.33	5.80					28
29				3.78	3.72	3.59	5.39	5.25					29
30				3.58	3.85	3.55	4.78	4.91					30
31					3.95		4.51	5.16					31
-MONTHLY SUMMARY-													
MEAN					3.11	4.15	4.61	5.11					MEAN
INST					1.17	3.29	3.56	4.10					INST
MAX					(21)	(27)	(1)	(2)					MAX
INST					4.12	4.63	5.40	5.80					INST
MIN					(1)	(16)	(29)	(28)					MIN



ENVIRONMENT ONTARIO  
TORONTO  
PRESCOTT COUNTY

OBSERVATION WELL 257

TOWNSHIP OF PLANTAGENET

CONC. 5

LOT 7

WELL REC #: 5200354  
UTM CO-CRD: 2-18 E500550 N5041250  
LAT & LONG: 45-32NCRTH 74-59WEST

REC METHOD: A35 RECORDER  
REC COMMD: NOV. 20 1969  
MEASURE PT:  
GND ELEV: 167 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: SILT 25; COARSE SAND 30; GRAVEL 35.

DIAMETER OF WELL: 6 INCHES  
LENGTH OF CASING: 34 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 35 FEET

PUMP RATE: 75 IGPM  
SPEC. CAP: 2.69 IGPM/FT  
AQUIFER: GRAVEL  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			13.66	5.67	7.26	7.55	8.39		19.76	14.77	8.33		1
2			14.15	5.73	7.14	7.70	8.42		19.93	14.46	8.18		2
3			14.16	5.79	7.22	7.73	8.41		20.05	14.23	7.99		3
4			13.69	5.77	7.53	7.93	8.37		20.11	15.11	8.04		4
5			13.08	5.78	7.38	7.91	8.30		20.23	16.05	7.98		5
6			12.65	5.96	7.62	7.87	9.15		20.41	16.38	7.83		6
7			11.86	6.18	7.62	8.66	12.00		20.52	15.88	7.92		7
8			12.10	6.30	7.27	10.09	12.62		20.65	13.75	8.02		8
9			13.83	6.38	7.17	11.49	10.90		20.78	14.55	8.05		9
10			13.43	6.13	7.17	9.70	10.19		20.84	12.77	7.89		10
11			11.84	6.39	7.10	8.91	9.59		21.06	11.93	8.19		11
12			11.26	6.70	7.22	8.95	9.20		21.19	11.41			12
13			10.53	6.62	7.39	8.70	9.03		21.35	10.83			13
14			10.46	8.24	7.32	9.27	8.93		21.47	10.75			14
15			10.12	9.61	7.47	11.97	8.80		21.61	10.65			15
16			9.72	8.56	7.44	12.94	8.59		21.75	10.65			16
17			9.49	10.17	7.23	11.07	8.54		21.21	10.63			17
18			9.68	8.31	7.34	10.06	8.56		20.25	10.48			18
19			9.30	7.58	7.12	9.34	8.58		19.82	10.34			19
20			9.16	7.49	6.90	9.03	8.54	17.71	15.45	9.96			20
21			8.80	7.46	6.79	8.87	8.47	17.90	19.02	9.26			21
22			8.88	7.21	6.81	8.66	9.37	18.05	18.58	8.94			22
23			8.14	7.30	6.84	8.68	11.32	18.35	18.10	8.95			23
24			7.73	7.38	6.93	8.51	9.72	18.58	17.63	8.88			24
25			7.26	7.24	7.09	8.50	10.22	18.89	17.14	8.67			25
26			6.95	7.16	7.19	10.79	11.97	19.31	16.69	8.71			26
27		14.35	6.29	7.29	7.24	9.56	10.33	19.12	16.30	8.74			27
28		14.02	6.36	7.29	7.37	8.96	10.77	19.19	15.87	8.56			28
29		14.11	6.32	7.28	7.34	8.68	13.24	19.35	15.37	8.45			29
30			6.01	7.32	7.34	8.58	13.38	19.50	15.11	8.53			30
31			5.86		7.37		12.33	19.64		8.33			31
-MONTHLY SUMMARY-													
MEAN			10.09	7.08	7.23	9.22	9.88		15.41	11.35			MEAN
INST			5.80	5.61	6.76	7.40	8.29		14.93	8.24			INST
MAX			(31)	(1)	(21)	(1)	(6)		(30)	(31)			MAX
INST			14.97	11.34	7.79	13.45	14.19		21.92	16.50			INST
MIN			(2)	(17)	(6)	(16)	(30)		(17)	(7)			MIN

ENVIRONMENT ONTARIO  
TORONTO  
PRESCOTT COUNTY

OBSERVATION WELL 183

TOWNSHIP OF W. HAWKESBURY

CONC. 5

LOT 8

WELL REC #: 5200594  
UTM CO-CRD: 2-18 E528025 N5042000  
LAT & LONG: 45-32NCRTH 74-39WEST

REC METHOD: A25 RECORDER  
REC COMMD: OCT 19 1966  
MEASURE PT: 2.8 FEET ABOVE GROUND SURFACE  
GND ELEV: 275 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: GREY CLAY 10; GREY CLAY AND GRAVEL 12; HARDPAN 30; SOFT WEATHERED GREY LIMESTONE WITH SOME GRAVEL 49; LIGHT BROWN LIMESTONE 59; DARK GREY LIMESTONE 94.

DIAMETER OF WELL: 10 INCHES  
LENGTH OF CASING: 36 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 54 FEET

PUMP RATE: 40 IGPM  
SPEC. CAP: 3.81 IGPM/FT  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.10	3.75	5.51	1.70	4.16	5.08	5.43	6.97	8.12	4.81	3.47	3.58	1
2	5.05	3.91	5.59	1.40	4.13	5.21	5.06	7.13	7.31	4.90	3.47	3.72	2
3	5.08	4.15	5.58	1.57	4.03	5.37	4.64	7.28	7.10	4.95	3.53	3.79	3
4	5.18	4.27	5.54	1.70	4.12	5.58	4.53	7.39	7.07	5.10	3.58	3.84	4
5	5.23	4.34	5.48	1.96	4.23	5.75	4.59	7.54	7.02	5.22	3.63	3.85	5
6	5.24		4.91	2.17	4.25	5.86	4.75	7.70	7.00	5.25	3.71	3.81	6
7	5.28		4.31	2.32	4.32	5.97	4.93	7.84	7.03	5.28	3.78	3.83	7
8	5.36		4.21	2.51	4.05	6.12	5.03	7.91	7.12	4.52	3.88	3.93	8
9	5.43		4.32	2.78	3.94	6.25	5.08	7.90	7.21	3.77	3.91	3.90	9
10	5.48		4.41	2.93	4.02	6.35	5.22	7.81	7.27	3.77	4.02	3.96	10
11	5.47	5.18	4.52	2.99	4.09	6.45	5.34	7.80	7.25	3.84	4.11	3.90	11
12	5.48	5.38	4.63	3.18	4.11	6.48	5.34	7.83	7.25	3.85	4.16	4.02	12
13	5.50	5.44	4.70	3.37	4.16	6.48	5.13	7.89	7.28	3.93	4.17	3.95	13
14	5.45	5.55	4.71	3.47	4.25	6.44	4.99	7.93	7.38	4.00	4.15	4.05	14
15	5.53	5.61	4.51	3.54	4.25	6.31	4.92	7.95	7.51	4.12	4.15	4.03	15
16	5.55	5.63		3.55	4.30	6.23	4.99	7.65	7.62	4.20	4.20	4.03	16
17	5.55	5.74		3.57	4.34	6.13	4.78	7.42	7.69	4.24	4.16	4.08	17
18	5.56	5.83		3.59	4.41	6.09	4.68	7.42	7.42	4.31	4.12	3.97	18
19	5.57	5.81		3.62	4.09	6.11	4.79	7.51	6.98	4.29	4.11	3.89	19
20	5.58	5.85		3.70	3.51	5.60	4.91	7.60		3.76	4.16	3.97	20
21	5.59	5.90		3.85	3.54	5.25	5.07	7.69		3.40	4.25	4.02	21
22	5.60	5.85		3.97	3.61	5.22	5.28	7.78		3.51	4.38	3.99	22
23	5.61	5.91		3.98	3.70	4.93	5.46	7.88		3.55	4.47	4.02	23
24	5.62	5.93		3.88	3.80	4.89	5.62	8.02		3.60	4.52	3.93	24
25	5.63	5.92		3.93	3.90	4.99	5.23	8.12	4.83	3.68	4.53	3.85	25
26	5.53	5.91	1.70	4.00	4.05	5.04	6.00	8.22	4.54	3.77	3.81	3.84	26
27	5.47	5.75	1.43	3.96	4.20	5.15	6.17	8.33	4.36	3.82	3.34	3.83	27
28	4.45	5.64	1.38	3.88	4.40	5.22	6.39	8.48	4.46	3.86	3.33	3.83	28
29	4.13	5.55	1.36	3.94	4.58	5.26	6.60	8.34	4.61	3.92	3.45	3.83	29
30	3.42		1.58	4.04	4.75	5.36	6.75	8.23	4.73	3.77	3.53	3.79	30
31	2.81		1.68		4.91		6.87	8.29		3.41		3.80	31
-MONTHLY SUMMARY-													
MEAN	5.27			3.17	4.14	5.71	5.33	7.80		4.16	3.94	3.90	MEAN
INST	3.78			1.34	3.47	4.84	4.52	6.92		3.36	3.30	3.54	INST
MAX	(31)			(2)	(20)	(23)	(4)	(1)		(21)	(28)	(1)	MAX
INST	6.32			4.11	5.00	6.49	6.92	8.57		5.31	4.56	4.09	INST
MIN	(26)			(30)	(31)	(13)	(31)	(28)		(7)	(25)	(17)	MIN



ENVIRONMENT ONTARIO  
TORONTO  
PRINCE EDWARD COUNTY

OBSERVATION WELL 178

TOWNSHIP OF HALLIWELL

MT 2

LOT 2

WELL REC #: 53CC976  
UTM CO-ORD: 2-18 E318640 N4873090  
LAT & LONG: 43-59NORTH 77-15WEST

REC METHOD: A25 RECORDER  
REC COMMD: JUL. 18 1966  
MEASURE PT: 1.5 FEET ABOVE GROUND SURFACE  
GAL ELEV: 254 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: GRAVEL 10; LIMESTONE 100.

DIAMETER OF WELL: 6.25 INCHES  
LENGTH OF CASING: 10 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 100 FEET

PUMP RATE: 5 IGPM  
SPEC. CAP: N.A.  
AQUIFER: LIMESTONE  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.44					1.22	2.67	4.62	5.87	10.07	3.96	3.11	1
2	1.43					1.30	2.67	4.63	6.01	10.01	3.89	2.97	2
3	1.20					1.38	2.68	4.63	6.15	9.85	3.80	2.84	3
4	1.35				0.69	1.47	2.71	4.60	6.30	9.73	3.78	2.78	4
5	1.37				0.76	1.55	2.73	4.53	6.44	9.56	3.73	2.69	5
6	1.41				0.83	1.60	2.76	4.44	6.56	9.41	3.60		6
7	1.41				0.85	1.66	2.80	4.41	6.69	9.27	3.52		7
8	1.41				0.81	1.73	2.85	4.39	6.87	9.14	3.45		8
9	1.43				0.75	1.81	2.88	4.37	7.02	8.99	3.37		9
10	1.47				0.71	1.88	2.92	4.37	7.16	8.90	3.32		10
11	1.50				0.70	1.94	2.96	4.37	7.30	8.83	3.30		11
12	1.54				0.71	2.04	2.99	4.37	7.42	8.65	3.27		12
13	1.64				0.76	2.14	3.05	4.38	7.56	8.52	3.20		13
14	1.65				0.82	2.20	3.12	4.39	7.78	8.03	3.18		14
15	1.68				0.86	2.26	3.16	4.41	8.09	7.37	3.20		15
16	1.72				0.89	2.33	3.24	4.45	8.37	6.67	3.21		16
17	1.77				0.93	2.40	3.30	4.49	8.57	6.16	3.20		17
18					0.98	2.46	3.39	4.55	8.73	5.76	3.17		18
19					1.01	2.53	3.49	4.61	8.88	5.55	3.16		19
20	1.56				0.94	2.58	3.58	4.67	9.00	5.38	3.16		20
21	1.60				0.85	2.64	3.61	4.74	9.11	5.23	3.12		21
22					0.80	2.68	3.68	4.81	9.22	5.10	3.09		22
23					0.78	2.73	3.78	4.88	9.32	4.93	3.10		23
24					0.81	2.77	3.87	4.97	9.48	4.75	3.11		24
25					0.84	2.81	3.99	5.08	9.66	4.68	3.12		25
26					0.89	2.86	4.10	5.18	9.83	4.63	3.15		26
27					0.94	2.87	4.20	5.29	9.97	4.50	3.19		27
28					1.00	2.81	4.31	5.38	10.04	4.33	3.22		28
29					1.05	2.73	4.45	5.48	10.07	4.23	3.24		29
30					1.11	2.68	4.54	5.58	10.07	4.16	3.20		30
31					1.16		4.60	5.72		4.07			31
-MONTHLY SUMMARY-													
MEAN					2.20	3.39		4.74	8.12	6.95	3.33		MEAN
INST						1.18	2.67	4.37	5.79	4.00	3.09		INST
MAX						( 1 )	( 2 )	(11)	( 1 )	(31)	(22)		MAX
INST						2.87	4.61	5.79	10.08	10.07	4.00		INST
MIN						(26)	(31)	(31)	(30)	( 1 )	( 1 )		MIN



## OBSERVATION WELL DATA

### REGIONAL OFFICE

**SUDBURY**  
469 Bouchard St.  
705-522-8282

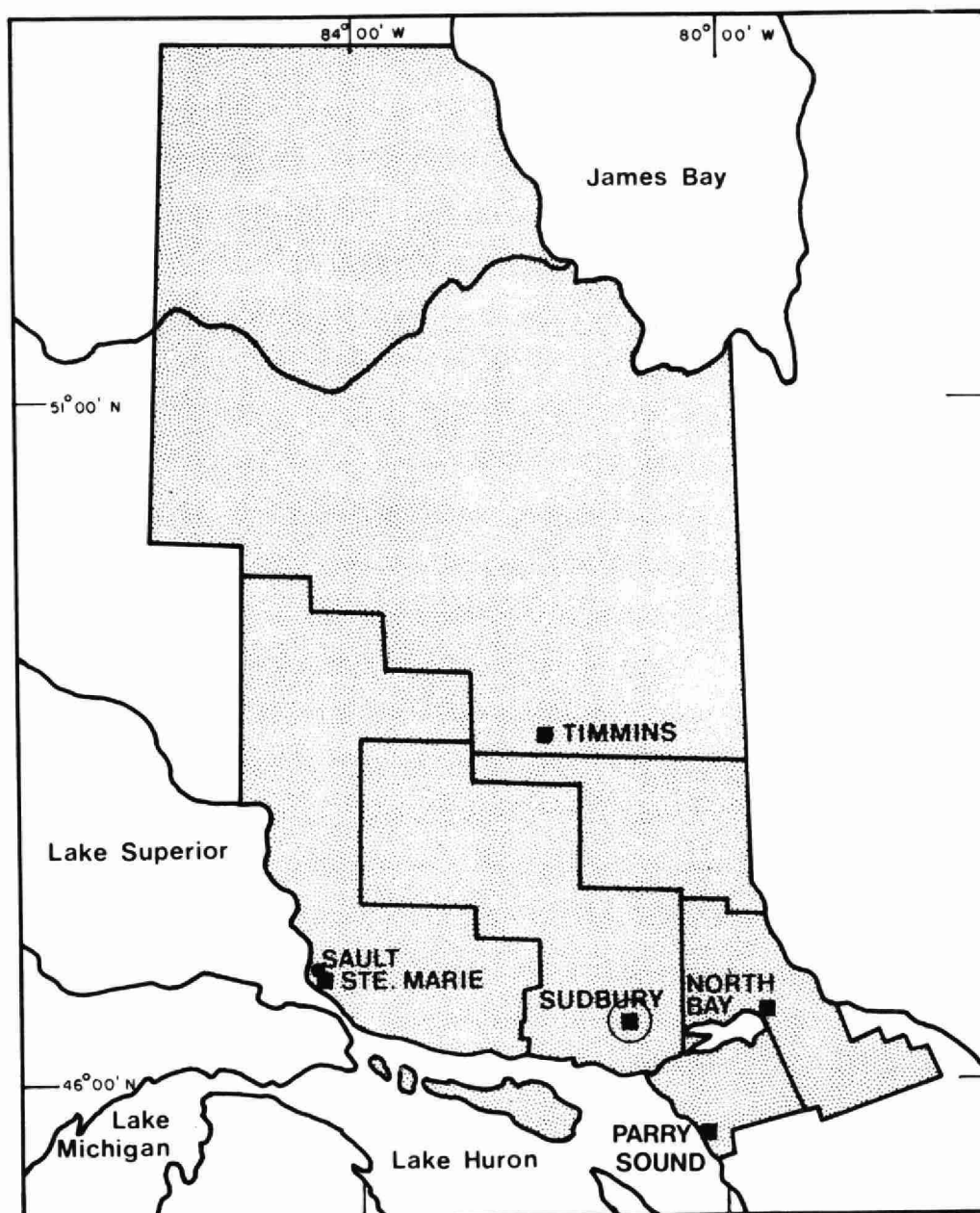
### DISTRICT OFFICES

**North Bay**  
1500 Fisher St.  
705-476-1001

**Sault Ste. Marie**  
445 Albert St. E.  
705-949-4640

**Timmins**  
83 Algonquin Blvd. W.  
705-264-9474

**Parry Sound**  
74 Church St.  
705-746-2139



OBSERVATION WELL DISTRIBUTION

### LEGEND

Regional Office



District Office



Recording Observation Well



Number of Recording Wells  
in same location



Manually Measured Well



Number of Manually Measured Wells  
in same location



ENVIRONMENT ONTARIO  
TORONTO  
DISTRICT OF ALGOMA

OBSERVATION WELL 121

CITY OF SAULT STE. MARIE

CONC. - LOT -

WELL REC #: 1101581  
UTM CO-ORD: Z-17 E701680 N5156850  
LAT & LONG: 46-40NCRTH 84-22WEST

REC METHOD: 'F' TYPE RECORDER  
REC COMMD: FEB. 10 1965  
MEASURE PT: 3.0 FEET ABOVE GROUND SURFACE  
GND ELEV: 625 FEET ABOVE SEA LEVEL  
WELL TYPE: DRILLED  
WELL LOG: BLUE CLAY 75; ROCK 83.5.

DIAMETER OF WELL: 10 INCHES  
LENGTH OF CASING: 75 FEET  
LENGTH OF SCREEN: NONE  
DEPTH OF WELL: 83.5 FEET

PUMP RATE: N.A.  
SPEC. CAP: N.A.  
AQUIFER: ROCK  
QUALITY: FRESH

1976  
DAILY MEAN WATER LEVELS IN FEET BELCW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						57.05	57.12	57.42	57.65	57.77	57.61	56.46	1
2						57.09	57.10	57.41	57.65	57.78	57.47	55.01	2
3						57.10	57.10	57.38	57.65	57.82	57.32		3
4						57.02	57.11	57.41	57.61	57.79	57.21	56.73	4
5						57.02	57.13	57.40	57.65	57.76	57.13	56.46	5
6						57.07	57.17	57.43	57.66	57.79	57.12		6
7						57.01	57.21	57.44	57.67	57.81	57.13	58.08	7
8						56.92	57.25	57.47	57.65	57.80	57.25	58.01	8
9						56.84	57.35	57.47	57.66	57.80	57.21	57.75	9
10						56.93	57.39	57.44	57.64	57.78	57.16	58.16	10
11						56.95	57.37	57.42	57.74	57.81	57.13	58.30	11
12						55.41	57.26	57.41	57.71	57.39	57.07	58.35	12
13						55.05	57.21	57.43	57.71	57.20	56.97	58.48	13
14							57.25	57.37	57.71	57.17	56.83	58.49	14
15							57.25	57.32	57.69	57.55	56.62	58.30	15
16						56.93	57.23	57.23	57.67	57.66	56.49	58.26	16
17						57.01	57.18	57.12	57.65	57.81	55.87		17
18						57.02	57.20	57.06	57.63	57.77	56.02		18
19						57.02	57.22	56.98	57.66	57.57	57.12		19
20						57.02	57.24	57.01	57.73	57.57	57.14		20
21						57.00	57.24	57.22	57.77	57.62	57.13		21
22						57.04	57.29	57.23	57.79	57.67	57.15		22
23						57.12	57.30	57.26	57.77	57.73	57.18		23
24						57.15	57.32	57.24	57.77	57.73	56.86		24
25						57.10	57.32	57.21	57.78	57.73	57.07	57.47	25
26						57.08	57.32	57.17	57.78	57.72	57.10	57.44	26
27						57.09	57.32	57.47	57.78	57.78	57.06	57.45	27
28						57.11	57.32	57.64	57.78	57.80	57.01	57.42	28
29					56.90	56.99	57.35	57.64	57.79	57.73		57.58	29
30					56.93	56.99	57.40	57.65	57.79	57.63		57.87	30
31					56.99		57.41	57.65		57.64		58.27	31
-MONTHLY SUMMARY-													
MEAN						57.26		57.35	57.71	57.68			MEAN
INST							57.01	56.85	57.59	42.77			INST
MAX							(12)	(20)	(4)	(14)			MAX
INST							57.42	57.65	57.81	57.84			INST
MIN							(9)	(31)	(25)	(17)			MIN



\*96936000008243\*